AOR MEDICAL
SOLUTIONS

INSTITUTIONAL TECHNOLOGY COLLECTION

Technology that moves care forward.

Advanced assessment. Adaptive movement. Human possibility.



ANOVATOR A5 / M1 / P5 + UNIGYM BY ROBOTGYM

PRECISION. MOVEMENT. POSSIBILITY.

2026 / PRODUCT COLLECTION

www.aormedicalsolutions.com

THE AOR PERSPECTIVE

Technology that elevates the entire experience.

From a first assessment to an informed conversation and a purposeful training plan.

01

Make the invisible understandable.

Translate body composition and functional results into visual information people can discuss with their professionals.

02

Give every program a baseline.

Establish a repeatable starting point for nutrition, wellness, fitness and appropriately supervised rehabilitation workflows.

03

Create a reason to return.

Use historical comparisons to support reassessment conversations and ongoing engagement.

04

Build around your setting.

Select a focused analyzer, a broad assessment station or a modular movement system around your population and service model.

Assessment + interpretation + action + reassessment

AOR connects product selection, assessment and follow-up in a clear pathway tailored to your organization.

PORTFOLIO NAVIGATION

Four technologies.
One purposeful portfolio.

Select the assessment depth and movement capability that match your service.

ANOVATOR A5	Comprehensive assessment: body composition, posture, balance, reaction, shoulder mobility, vision, physiological references and consolidated reporting.
ANOVATOR M1	Focused assessment: composition, AI-assisted posture, results analysis and reporting, with published measurement time below 60 seconds.
ANOVATOR P5	Performance assessment: composition and posture plus grip strength, jump-derived power, push-up assessment, balance, reaction and physiological references.
UniGym by RobotGym	Modular motorized movement: passive, active, assisted and resistance modes, with interchangeable upper-limb, lower-limb and hand interfaces.

Designed around people.
Configured around your institution.

Explore each technology through its capabilities, practical applications and the professional settings it is designed to support.

THE PERFORMANCE FLAGSHIP

ANOVATOR P5

A broader picture of human performance.

Combine composition, movement, strength and physiological assessments in a distinctive professional station.



27-inch

4K touch display

20 MP

AI vision system

3 frequencies

20 / 100 / 250 kHz

P5 | FUNCTIONAL ARCHITECTURE

Ten published capabilities. One assessment experience.

Composition, movement, strength and physiological references in one professional assessment workflow.

01

Body composition

Eight-electrode, multifrequency BIA evaluates impedance to estimate body composition across body segments.

02

Dimensions + posture

AI vision evaluates body alignment and body dimensions to create a visual profile for professional review.

03

Vital capacity

A lung-capacity assessment adds a respiratory performance reference to the evaluation.

04

Balance ability

A dedicated assessment evaluates postural stability as part of a functional profile.

05

Agility + reaction

A response task adds a reference for reaction performance and coordination.

06

Blood pressure + oxygen

Published blood-pressure and blood-oxygen assessment adds physiological context.

07

Lower-limb power

Vision captures vertical jump height; an equation estimates peak lower-body power.

08

Upper-body performance

A standardized push-up task combines movement and body-weight data for algorithmic assessment.

09

Grip strength

Electronic sensing measures maximum strength in each hand and supports side-to-side comparison.

10

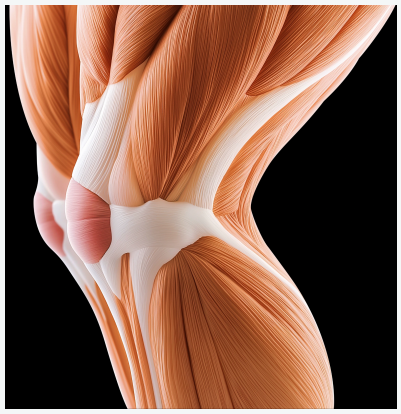
Professional report

Results consolidate into a report, with printing and historical follow-up services described by the manufacturer.

P5 | STRENGTH AND PERFORMANCE

Three ways to make performance visible.

Combine vision-based performance estimates and electronic strength measurements in a detailed functional profile.



01 LOWER-BODY POWER

The 20 MP camera captures vertical jump height. The Sayers equation combines jump and body data to estimate peak lower-body power, with age- and sex-based reference comparisons for a structured performance discussion.



02 UPPER-BODY PERFORMANCE

A 10-second standardized push-up task combines body weight and movement data. Age-adjusted reference comparisons and AI form monitoring help contextualize the result and flag compensatory movement.



03 BILATERAL GRIP STRENGTH

Electronic sensors measure maximum grip in both hands. Side-to-side and historical comparisons support strength assessment, muscle-function discussions and professionally guided follow-up.

P5 | ASSESSMENT FUNCTIONS IN DETAIL

Composition, posture and physiological context.

A multimodal profile combines measured signals with calculated assessment outputs.

01 Body composition and segmental assessment

FUNCTION: Eight contact electrodes and 20 / 100 / 250 kHz BIA collect segmental impedance data to estimate body composition.

PRACTICAL VALUE: Establish a clear body-profile baseline and track change through repeat assessments performed under consistent conditions.

02 Body dimensions and posture

FUNCTION: The 20 MP vision system supports multidimensional posture and body-dimension analysis. Camera-derived information helps describe visible alignment.

PRACTICAL VALUE: Make alignment easier to visualize, discuss and document as part of a professional assessment and follow-up plan.

03 Blood pressure, oxygen and lung capacity

FUNCTION: Blood-pressure, blood-oxygen and lung-capacity assessments add physiological measurements to the performance profile.

PRACTICAL VALUE: Bring composition, function and physiological references into a coordinated evaluation led by the responsible professional.

P5 | FUNCTIONAL ASSESSMENT IN DETAIL

Assess more than body composition.

A broader functional profile for professionally designed performance and wellness programs.

01 Balance and reaction assessment

FUNCTION: P5 lists balance ability and agility/reaction tasks. They add postural-stability and response-performance information to the profile.

PRACTICAL VALUE: Add repeatable stability and response tasks to active-aging and performance programs, with results interpreted by the responsible professional.

02 Exercise-safety assessment

FUNCTION: The P5 comparison lists an exercise-safety function. It complements other assessment data as a screening and interpretation category.

PRACTICAL VALUE: Structure the pre-activity conversation around physiological and functional findings to support professional planning.

03 Reports, history and profile management

FUNCTION: The manufacturer describes standardized reports, direct printing, multilingual templates, historical visual comparisons, recommendations, member profiles and multi-device synchronization.

PRACTICAL VALUE: Connect clear reports, member profiles and visual trends with repeat consultations and scheduled reassessments.

P5 | WHO IT IS FOR

For organizations that want a performance profile.

Professional applications for sports, wellness, active aging and assessment programs.

01

Sports and conditioning centers

Establish composition, grip and jump/push-up performance baselines. Repeat standardized tasks at planned milestones to support structured athlete and coach conversations.

02

Premium wellness and longevity

Combine visual composition and posture findings with functional references to support an understandable, differentiated consultation.

03

Active-aging programs

Bring grip, balance and composition into individualized strength and function discussions. The professional selects performance tasks according to each participant’s ability.

04

Rehabilitation and academic settings

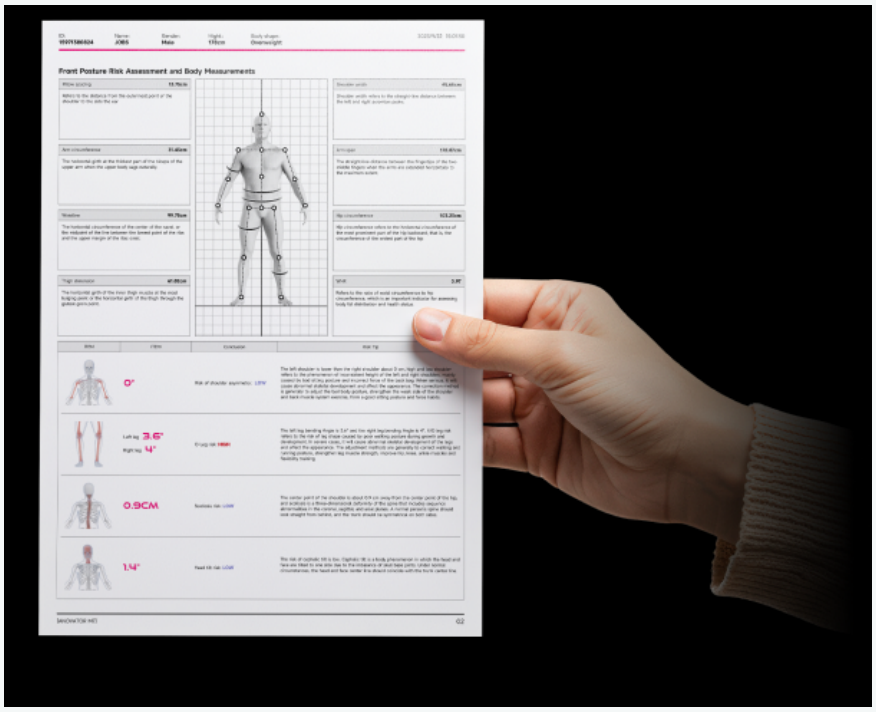
Support baseline and follow-up assessments, product training and structured evaluation workflows in professional and educational settings.

A flagship assessment experience for teams that want to connect body profile, strength and movement in one professional conversation.

P5 | DIGITAL EXPERIENCE

A clear result.
A continuing conversation.

The value of assessment grows when results can be understood and revisited.



01

Reports and access

Standardized reports, direct printing and multilingual templates help present assessment findings clearly to clients and professionals.

02

Progress and profiles

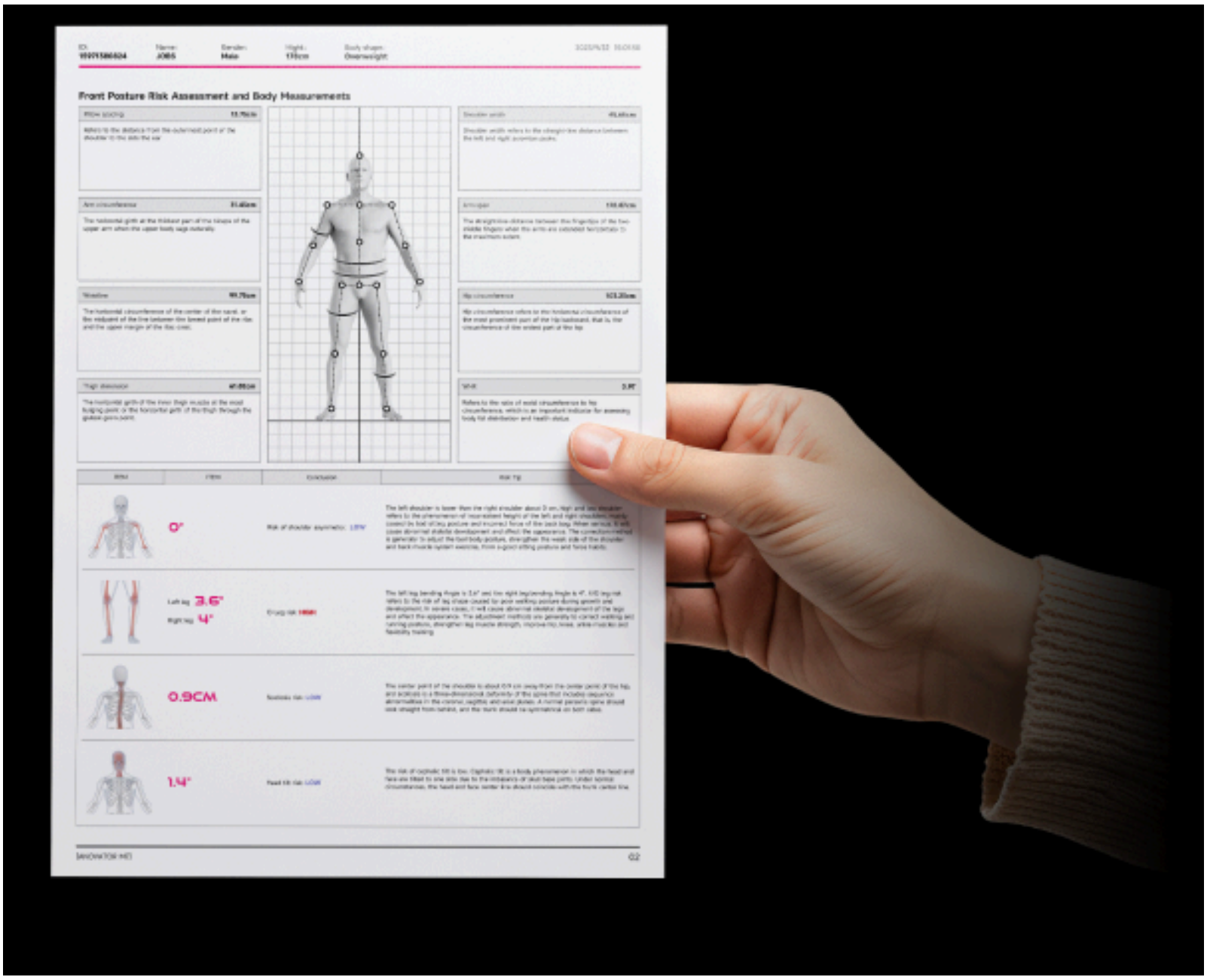
Historical visual comparisons, exercise and nutrition recommendations, member records, multi-device synchronization, cloud storage and local backup are published services.

P5 brings exercise-safety screening into the professional assessment workflow. Its 1 m published working distance supports planning of a dedicated evaluation space.

RESULTS / MANUFACTURER SAMPLE

P5 | Official reporting preview

Printed-results presentation shown on the official P5 product page.



A professional report presentation brings body-profile findings into the consultation. The manufacturer’s visual illustrates printed delivery; P5 also supports historical comparisons and multilingual report templates.

Source: anovator.com/p5 - official report-service visual; accessed October 24, 2026.

COMPREHENSIVE ASSESSMENT

ANOVATOR A5

Bring twelve function groups together.

A full-height assessment station combines body composition with posture, physiological references and functional testing.



32-inch
IPS HD touchscreen

12 groups
Published assessment functions

67 kg
Published equipment weight

ANOVATOR / PROFESSIONAL ASSESSMENT

A5 | ALL FUNCTION GROUPS

Composition. Physiology. Movement. Understanding.

The complete twelve-group function map published for A5.

01

01 / Composition

Eight-point multifrequency BIA estimates fat, muscle, water and segmental distribution; see the detailed results dictionary.

02

02 / Athletic capacity

Combines assessment information to present an exercise-related capacity profile.

03

03 / SpO2

Measures blood-oxygen saturation as a resting physiological reference.

04

04 / Exercise safety

Organizes physiological and assessment data for professional review and pre-activity planning.

05

05 / Balance

An angular sensor evaluates body-sway amplitude as a postural-control reference.

06

06 / Heart rate

Measures resting heart rate and incorporates it into the assessment.

07

07 / Response

Includes a responsiveness or reaction-time task and reported result.

08

08 / Posture

Camera-based landmark analysis identifies alignment patterns for professional review.

09

09 / Data analysis

Organizes indicators, history, comparisons and calculated guidance.

10

10 / Visual acuity

Includes a vision-assessment task within the published workflow.

11

11 / Shoulder mobility

Assesses shoulder-joint range of motion through the published module.

12

12 / Reporting

Displays and delivers consolidated results through screen, print, phone and web channels.

A5 | FUNCTION DETAIL 1 OF 3

Understand the body. Establish a baseline.

Detailed explanation of the twelve published function groups and additional report items.

01

01 / Body composition

FUNCTION: The eight-point, 20 / 100 kHz BIA system measures impedance and estimates fat, muscle, water and related whole-body and segmental values. Weight and ultrasonic height support anthropometric indices.

PRACTICAL VALUE: Discuss overall weight alongside estimated composition and distribution. The detailed results dictionary explains every published composition and guidance field.

02

02 / Athletic capacity + 04 / Exercise safety

FUNCTION: Athletic-capacity analysis summarizes exercise-related assessment information. Exercise-safety analysis places physiological and functional findings into a pre-activity review.

PRACTICAL VALUE: Combine physiological and functional findings in a structured pre-activity review that supports the professional’s assessment and planning.

03

03 / SpO2 + 06 / Resting heart rate

FUNCTION: A resting measurement records blood-oxygen saturation and heart rate; the manufacturer describes an approximately one-minute measurement. Blood pressure is separately included in the technical function list.

PRACTICAL VALUE: Document resting physiological references alongside the broader assessment for comparison and professional interpretation.

A5 | FUNCTION DETAIL 2 OF 3

See alignment. Explore functional ability.

Functional modules add information beyond fat, muscle and body weight.

01

05 / Balance + 07 / Response

FUNCTION: An angular sensor measures the amplitude of body sway for the balance assessment. A separate responsiveness task records reaction-related performance.

PRACTICAL VALUE: Establish repeatable stability and response reference points for suitable participants in professionally designed programs.

02

08 / Camera-assisted posture

FUNCTION: A 1080p camera and software assess skeletal-landmark patterns, including uneven shoulder height, X/O leg patterns, rounded posture and forward pelvic tilt.

PRACTICAL VALUE: Make alignment easier to explain and document, helping the professional organize examination, advice and follow-up.

03

10 / Visual acuity + 11 / Shoulder range

FUNCTION: The vision task evaluates visual acuity within the published assessment workflow. The shoulder module assesses shoulder-joint range of motion.

PRACTICAL VALUE: Bring vision and shoulder-mobility references into a broader professional screening and reassessment experience.

A5 | FUNCTION DETAIL 3 OF 3

Turn the assessment into an ongoing service.

Results become more useful when collected consistently and explained professionally.

01

09 / Detection data analysis

FUNCTION: Software organizes measured and estimated values, classifies the body profile, calculates reference goals and presents historical comparisons.

PRACTICAL VALUE: Review trends rather than relying on isolated readings. Use the weight, fat and muscle-control values as discussion aids that a professional can adapt.

02

12 / Consolidated test report

FUNCTION: Reports assemble available composition, posture, functional and physiological results. Screen, printed, phone and web channels are published.

PRACTICAL VALUE: Give the consultation a clear, shareable report and a consistent reference for subsequent reassessments.

03

Additional lung-capacity and height modules

FUNCTION: An air-pressure sensor supports lung-capacity measurement; ultrasonic sensing measures height. Blood pressure is also listed as an assessment/report item.

PRACTICAL VALUE: Expand intake with height, lung-capacity and blood-pressure references in a coordinated professional workflow.

A5 | WHO IT IS FOR

For a comprehensive assessment experience.

AOR-recommended service settings and audiences.

01

Multidisciplinary wellness centers

Combine composition, posture and selected functional references into a premium intake and reassessment visit led by the appropriate professionals.

02

Nutrition and weight management

Explain estimated fat, muscle and body-water changes together. Body recomposition discussions become more informative than following weight alone.

03

Fitness and corporate wellness

Offer visual baseline assessments and professionally reviewed activity conversations. Corporate programs should deliver individual results privately and use appropriate aggregate reporting.

04

Outpatient and active-aging programs

Bring balance, reaction, mobility and physiological references into professionally selected outpatient and active-aging assessments.

A5 is the broad assessment station for institutions that want a consistent, visual and professionally interpreted intake experience.

A5 | ADDITIONAL MEASUREMENTS AND HARDWARE

A station designed for a wider assessment.

Hardware and published report items complement the twelve function groups.

Blood pressure	Cuff-based blood-pressure measurement adds a resting physiological reference to the assessment.
Lung capacity	Spirometry uses an air-pressure sensor for a lung-capacity test. Interpret against the current device instructions and professional protocol.
Ultrasonic height	An ultrasonic sensor measures height; the published range is 80-200 cm. Height and weight support BMI and related indices.
Camera and construction	1080p camera, black tempered-glass display construction and aluminum alloy; Android 7.1 is listed in the technical table.
BIA and capacity	20 / 100 kHz; current below 280 microamps; published weight range 0-200 kg. Internet connectivity is required in the listed environment.
Size and operating limits	Host: 1700 x 460 mm; base: 108 x 480 x 900 mm; bracket: 200 x 451 x 600 mm, as published. Operation: 10-40 C; 30-75% RH.
Outputs and connectivity	Screen, printed, phone and web reports; USB, Bluetooth, wired and wireless connections support results access and device communication.

RESULTS / MANUFACTURER SAMPLE

A5 | Sample report 1 of 5

Body composition and segmental results - manufacturer demonstration data.

Scan the code to view the report

Time: 13/06/2025 16:50:47

ANOVATOR
HEALTH ANALYSIS REPORT

61 health score

35 body age

Obesity body shape

ID: 1254 Name: 1254 Age: 30 Gender: Male Height: 174.5cm

Body Composition Analysis

ITEM	LOW	NORMAL	HIGH

Weight 72.2kg
Current body mass, Standard:60.9kg~71.6kg

Percent Body Fat 30.9%
Body fat as a percentage of body weight, Standard:11.0%~20.0%

Muscle Mass 38.9%
Body muscle as a percentage of body weight, Standard:42.9%~52.4%

Water 50.6%
Proportion of water in body weight, Standard:55.0%~65.0%

Visceral Fat 10.0
Visceral fat, Standard:0.0~5.0

Subcutaneous Fat 27.5%
Fat under the skin, Standard:8.6%~17.7%

Fat Free Mass 49.9kg
Body weight after fat removal, Standard:57.8kg~64.3kg

Protein 13.7%
Protein in body, Standard:15.0%~19.0%

Bone Mass 3.5kg
Weight of human bone tissue, Standard:2.8kg~7.8kg

Skeletal Muscle 28.1kg
Skeletal muscle, muscle attached to the bone, Standard:30.9kg~37.8kg

Weight Control

Target Weight	Weight Control	Fat Control	Muscle Control
67.0 kg	-5.2 kg	-11.5 kg	+6.3 kg

Obesity Analysis

project	LOW	NORMAL	HIGH

BMI 23.7
Body mass index, Standard:20.0~23.5

Body fat Mass 22.3kg
Weight of fat in human body, Standard:7.9kg~14.4kg

WHR 0.93
Waist-to-hip ratio, Standard:0.8~0.9

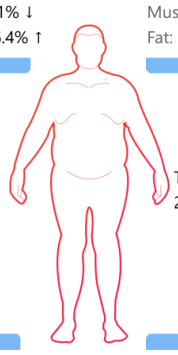
BMR 1456.2kcal
Minimum daily calorie intake

Calorie control

daily caloric intake: 1820kcal

Aerobic: 641kcal | endurance: 160kcal | Anaerobic: 0kcal

Segmental analysis



* Segmental extremity analysis is an inferred value, with muscle and fat in the first place as weight, and posterior as a percentage of the standard value. Above 100% is high, otherwise it is low.

Segmental bioimpedance data

Z(Ω)	20 kHz	100 kHz
Right upper limb	351.8	318.9
Left upper limb	358.9	326.4
Trunk	29.3	26.4
Right lower limb	284.9	255.6
Left lower limb	280.3	250.7

Recent trends

date	Weight(kg)	Percent Body Fat(%)
13/06/2025	72.2	30.9

Source: AOR Innovation Hub / Anovator-A5-Sample-Report.pdf; public manufacturer-supplied sample.

RESULTS / MANUFACTURER SAMPLE

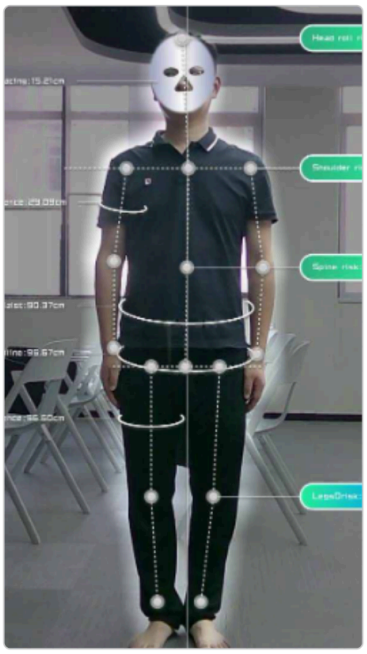
A5 | Sample report 2 of 5

Front posture and body measurements - manufacturer demonstration data.

2 ID: 1254 Name: 1254 Age: 30 Gender: Male Height: 174.5cm

Front Posture Risk Assessment and Body Measurements

Pillow spacing	15.21 cm
Refers to the distance from the outermost point of the shoulder to the side of the ear	
Arm circumference	29.09 cm
The horizontal girth at the thickest part of the biceps of the upper arm when the upper body sags naturally	
Waistline	90.37 cm
The horizontal circumference of the center of the navel, or the midpoint of the line between the lowest point of the ribs and the upper margin of the iliac crest	
Thigh dimension	56.60 cm
The horizontal girth of the inner thigh muscle at the most bulging point or the horizontal girth of the thigh through the gluteal groin point	



Shoulder width	46.09 cm
Shoulder width refers to the straight-line distance between the left and right acromion peaks	
Arm span	174.57 cm
The straight-line distance between the fingertips of the two middle fingers when the arms are extended horizontally to the maximum extent	
Hip circumference	96.67 cm
Hip circumference refers to the horizontal circumference of the most prominent part of the hip backward, that is, the circumference of the widest part of the hip	
WHR	0.93
Refers to the ratio of waist circumference to hip circumference, which is an important indicator for assessing body fat distribution and health status.	

ITEM	Offset		Risk Tip
	0 cm	Shoulder risk: Low	Left shoulder is low 0 cm higher than the right shoulder. Uneven shoulders refer to the phenomenon where the heights of the left and right shoulders are inconsistent, primarily caused by poor sitting posture or improper backpack carrying. Severe cases can lead to skeletal development abnormalities and affect appearance. Correction typically involves adjusting poor body posture, strengthening the weaker shoulder and back muscles, and forming good sitting and force application habits.
	Left leg 3.4° Right leg 4°	O-Leg risk: Mild	Left leg bends inside degrees at 3.4°, and right leg bends inside degrees at 4°. X/O-leg risk refers to the risk of leg shape abnormalities caused by poor walking posture during growth and development. Severe cases can lead to skeletal development abnormalities and affect appearance. Correction usually involves adjusting walking and running posture, strengthening leg muscles, and improving muscle strength and flexibility in the hip, knee, and ankle joints.
	0.9 cm	Scoliosis risk: Low	The shoulder center point is displaced by 0.9 cm from the hip center point. Spinal scoliosis is a three-dimensional deformity of the spine, including abnormalities in the coronal, sagittal, and axial planes. Normally, the spine should appear as a straight line from the back, with symmetry on both sides of the torso.
	2.7°	Head Tilt risk: Low	Head tilted at left with an angle of 2.7°. Head tilt risk: Low, head tilt is mainly due to an imbalance in the cranial base joints, causing the head and face to tilt to one side. Normally, the center line of the head and face should align with the center line of the torso.

Source: AOR Innovation Hub / Anovator-A5-Sample-Report.pdf; public manufacturer-supplied sample.

RESULTS / MANUFACTURER SAMPLE

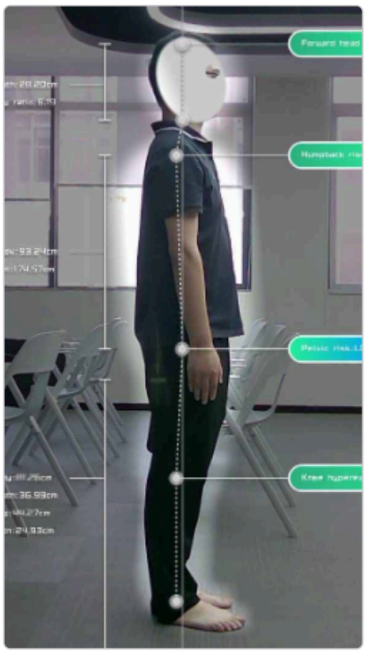
A5 | Sample report 3 of 5

Side posture and body proportions - manufacturer demonstration data.

3 ID: 1254 Name: 1254 Age: 30 Gender: Male Height: 174.5cm

Side Posture Risk Assessment and Body Measurements

Head length	28 cm
Refers to the vertical distance from the highest point of the head to the lowest point of the chin	
Upper body length	93.24 cm
Upper body length usually refers to the vertical distance from the top of the head to the top of the torso and pelvis or above the hip joint	
Lower body length	81.26 cm
It refers to the height from the hip joint to the ground. The longer the lower body is, the better the body shape is	
Calf length	44.27 cm
Calf length refers to the length from the center point of the knee joint to the center point of the ankle joint	



Head to body ratio	6.19
It refers to the ratio of a person's height to the full height of the head, that is, the head-to-body ratio = height/head height	
Leg-to-body ratio	0.47
Refers to the ratio between the length of the lower body (i.e., leg length) and the overall height of the body	
Thigh length	36.99 cm
Hip circumference refers to the horizontal circumference of the most prominent part of the hip backward, that is, the circumference of the widest part of the hip	
Foot length	24.93 cm
The distance from the heel to the tip of the longest toe (usually the first or second toe) of the foot	

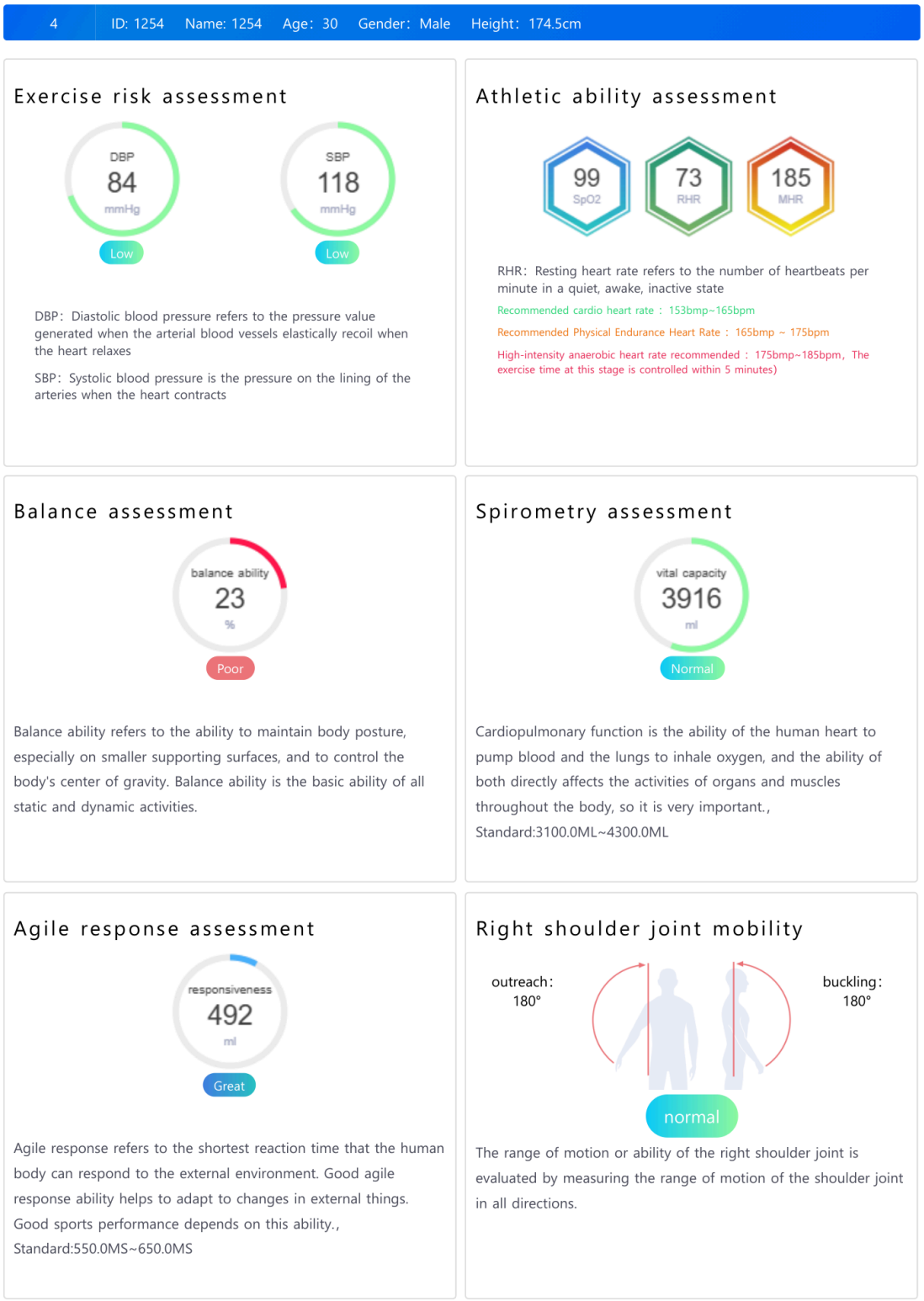
ITEM	Offset		Risk Tip
	3°	Hunchback risk: Low	Shoulder and torso curved 3°, humpback refers to the deformity of the torso with shoulders curved forward, causing the body's center of gravity to shift forward and the head to tilt forward. This posture is generally due to poor sitting habits leading to abnormal development of shoulder and back muscles. The issue can be improved by stretching shoulder and back muscles and adjusting walking and sitting habits.
	4.3°	APT risk: Mild	Pelvis tilted forward by 4.3° relative to the vertical axis of the body. Anterior pelvic tilt refers to the position where the hip joints are shifted forward from the vertical axis of the body. This tilt generally shifts the body's center of gravity, increases the burden on the core muscles of the abdomen and lower back, and affects the vertical force on the spine, causing lower back muscle fatigue and soreness.
	0.8°	Knee risk: Low	Hip, knee, and ankle joint angle is 0.8°. Knee hyperextension refers to excessive extension of the knee joint during walking or standing, with a knee extension angle greater than 5°. Normally, when viewed from the side, the hip, knee, and ankle joints should be in a straight vertical line when standing.
	4.8°	Forward Head risk: Low	Head forward by 4.8°. Forward head posture, also known as 'head protrusion,' refers to the reduced or absent natural curvature of the cervical spine, causing the head to protrude forward. This often occurs in individuals who habitually keep their neck in a forward-leaning position under load, with the neck and upper back muscles in a prolonged, tense, and stretched state. This issue can be improved through wall-standing exercises, sitting posture training, and yoga.

Source: AOR Innovation Hub / Anovator-A5-Sample-Report.pdf; public manufacturer-supplied sample.

RESULTS / MANUFACTURER SAMPLE

A5 | Sample report 4 of 5

Physiological and functional results - manufacturer demonstration data.

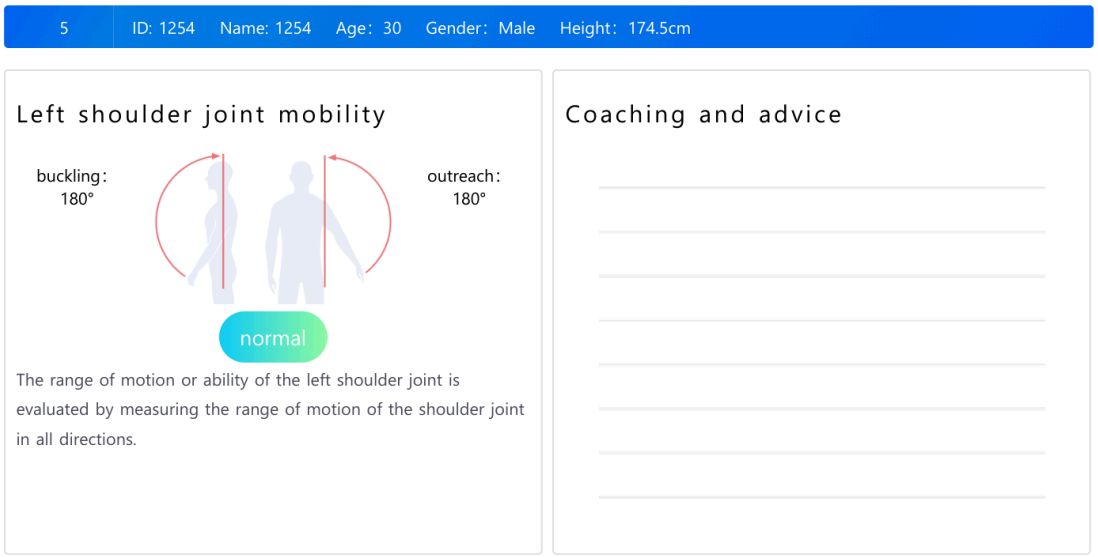


Source: AOR Innovation Hub / Anovator-A5-Sample-Report.pdf; public manufacturer-supplied sample.

RESULTS / MANUFACTURER SAMPLE

A5 | Sample report 5 of 5

Shoulder mobility and coaching - manufacturer demonstration data.



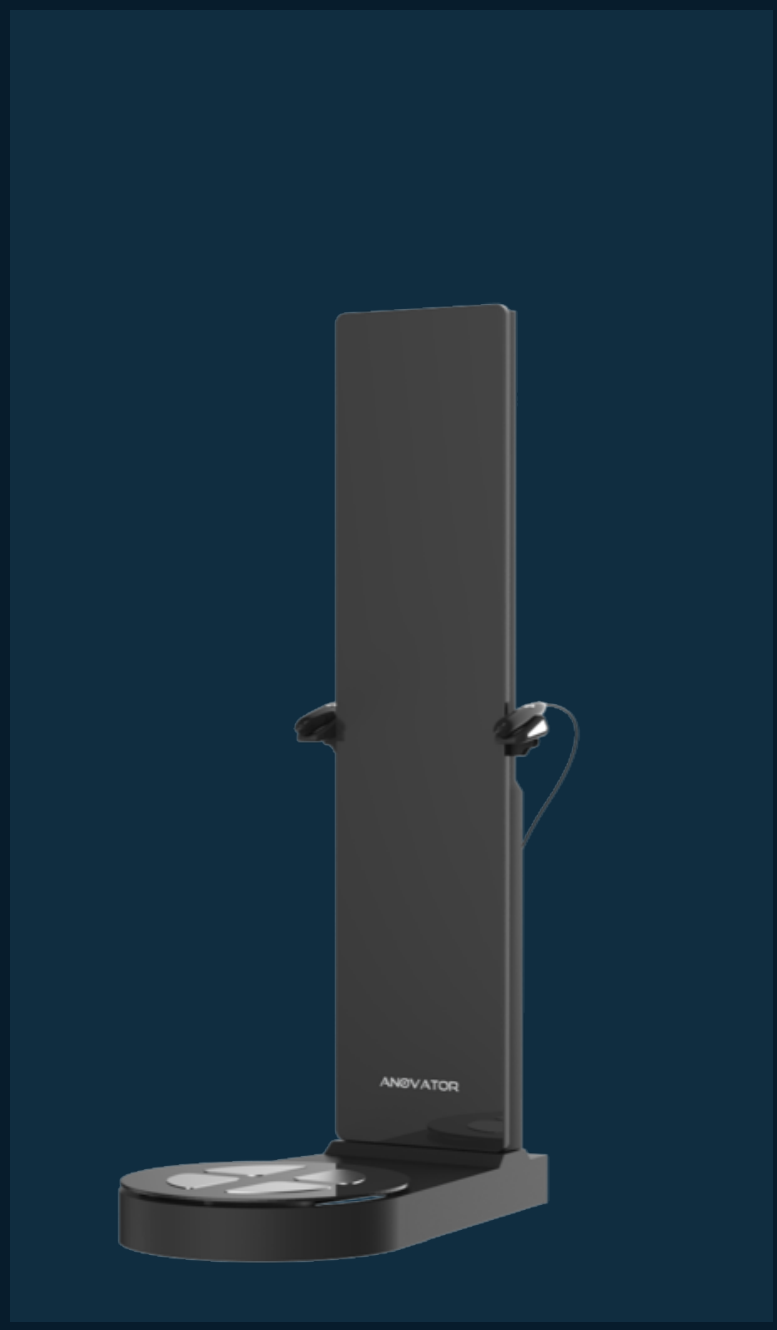
Source: AOR Innovation Hub / Anovator-A5-Sample-Report.pdf; public manufacturer-supplied sample.

FOCUSED COMPOSITION AND POSTURE

ANOVATOR M1

A compelling assessment,
within reach.

Combine body composition, AI-assisted posture and historical reporting in a focused professional workflow.



<60 sec
Published measurement time

50 / 250 kHz
Dual-frequency BIA

5-300 kg
Published weight range

M1 | COMPLETE FUNCTION PROFILE

Four functions.
A stronger client conversation.

Purposeful capability for nutrition, fitness, wellness and body-recomposition programs.

01

Body composition

Weight and impedance feed estimates of body fat, visceral and subcutaneous fat, muscle, skeletal muscle, water, protein, bone component and segmental distribution.

02

AI posture analysis

Camera and cloud landmark analysis evaluate visible alignment patterns, including uneven shoulders, bowlegs, head tilt, rounded posture, forward pelvis and knee hyperextension.

03

Data analysis

Body classification, calculated weight/fat/muscle guidance, energy estimates, history and previous-result comparisons help organize follow-up.

04

Reporting

On-screen and printable results present available composition, posture, goals and historical information. Cloud storage and local backup are published.

Published hardware	21.5-inch IPS touchscreen, 1080 x 1920; 2 MP camera; Android 7.1; tempered glass and ABS; white or black.
Range and environment	Weight range: 5-300 kg. Published weighing accuracy: +/-0.1 kg. Operating environment: 10-40 C and 30-75% RH.

M1 | FUNCTIONS IN DETAIL

Composition and posture with a clear purpose.

Four core functions: composition, posture analysis, data analysis and test reporting.

01

01 / Weight and body composition

FUNCTION: The platform measures weight; hand and foot contact enables multifrequency impedance assessment at 50 / 250 kHz. Published measurement time is below 60 seconds.

PRACTICAL VALUE: Review fat, muscle, segmental distribution, water, protein, fat-free and bone-related estimates in a focused consultation. The BIA measurement takes less than 60 seconds.

02

02 / AI-assisted posture

FUNCTION: A 2 MP camera and skeletal-landmark analysis evaluate patterns including uneven shoulders, O-leg alignment, head tilt, rounded posture, forward pelvis and knee hyperextension. The manufacturer also lists scoliosis-related screening.

PRACTICAL VALUE: Make alignment patterns visible and understandable, providing a structured starting point for professional examination and follow-up.

03

03 / Analysis + 04 / Reporting

FUNCTION: Software presents body type, body age, BMR, calculated weight/fat/muscle goals, energy estimates, exercise advice and target timelines, with history and previous-result comparisons.

PRACTICAL VALUE: Present composition, posture and progress through on-screen and printable findings, supported by cloud storage and local backup.

M1 | WHO IT IS FOR

A focused solution for body-profile programs.

A focused assessment pathway for nutrition, fitness, wellness and body-profile services.

01

Dietitians and nutrition practices

Use fat, muscle and body-water estimates to explain trends and support professionally designed nutrition follow-up.

02

Gyms, trainers and studios

Create an initial composition and posture profile, then repeat under consistent conditions to discuss progress and adjust the program.

03

Weight-management and aesthetic centers

Use visual reports to support body-recomposition discussions, explain trends and organize recurring follow-up with the responsible provider.

04

Wellness centers and satellite sites

Bring composition, posture and results history into a dedicated assessment point for wellness centers and satellite locations.

M1 delivers a focused, visual assessment service for teams that prioritize composition, posture and recurring follow-up.

RESULTS DICTIONARY | A5 / M1

Every published body-profile indicator, explained.

A practical guide to the body-composition and report indicators published for A5 and M1.

Weight / BMI	Measured weight and height support BMI and body-profile indices. A5 integrates ultrasonic height measurement.
Body-fat percentage	Estimated fraction of total body weight attributable to fat.
Visceral / subcutaneous fat	BIA-derived indicators describe estimated visceral and subcutaneous fat as part of the body-composition profile.
Muscle / skeletal muscle	Estimated overall muscle and skeletal-muscle components for longitudinal interpretation.
Segmental muscle / fat	Estimated distribution across the left arm, right arm, trunk, left leg and right leg.
Total body water / protein	Estimated water and protein-related components contributing to the body-composition profile.
Fat-free body / bone mass	Estimated fat-free mass and bone-related component complement the overall composition profile.
WHR / body age	Waist-to-hip ratio describes body-fat distribution; algorithmic body age adds a software-derived reference for the profile discussion.

RESULTS DICTIONARY | ANALYSIS AND GUIDANCE

From indicators to a follow-up plan.

Calculated indicators help professionals organize goals, explain trends and plan follow-up.

BMR	Estimated basal energy expenditure at rest, expressed in kcal.
Obesity degree / body type	Manufacturer-defined weight-status percentage and body-type classification; interpret with the report’s reference framework.
Desirable weight / weight control	Calculated reference weight and suggested overall weight adjustment.
Fat control / muscle control	Separate suggested changes in estimated fat and muscle components.
Total energy expenditure	Estimated daily energy needs, distinct from measured calorimetry.
Calorie consumption	Estimated activity-related energy consumption, published in kcal per hour.
Expected fat burning / target fat	Projected fat reduction and target body-fat values used in the software’s guidance.
Exercise advice / completion period	Software-generated exercise guidance and estimated target timelines support a personalized professional planning discussion.
History / previous comparison	Records and comparisons across assessments, enabling trend review under a standardized measurement protocol.

CAPABILITY COMPARISON

Choose the right depth of assessment.

A clear comparison of the core assessment capabilities in each model.

CAPABILITY	A5	M1	P5
Composition	**YES**	**YES**	**YES**
AI posture	**YES**	**YES**	**YES**
Physiological references	**YES**	**-**	**YES**
Balance / reaction	**YES**	**-**	**YES**
Visual acuity	**YES**	**-**	**-**
Shoulder range of motion	**YES**	**-**	**-**
Jump-derived power	**-**	**-**	**YES**
Push-up assessment	**-**	**-**	**YES**
Electronic grip strength	**-**	**-**	**YES**
Reports and history	**YES**	**YES**	**YES**

A5 combines composition with physiological and functional references. M1 focuses on composition and posture. P5 adds electronic grip strength and vision-based performance estimates.

MODULAR MOVEMENT BY ROBOTGYM

UniGym

One system. Many ways to move.

A portable motorized platform with interchangeable interfaces supports upper-limb, lower-limb and hand training configurations.



4 modes

Passive / active / assistance / resistance

6 kg

Portable main system

10+ exercises

Published modular exercise coverage

ROBOTGYM / ADAPTIVE MOVEMENT

UNIGYM | MODES AND MOVEMENT

Adapt the movement to the person.

Select movement, participation level and progression around the individual’s professional training plan.

01

Passive

The motor drives the programmed movement. Provides guided repetition when voluntary participation is limited.

02

Active

The user generates movement and participates in the session, with app-based recording where supported.

03

Assistance

The system supplements user effort to help complete the selected movement pattern.

04

Resistance

Adjustable load challenges movement through the rope or rotation module. Published limits: 2-10 kg rope resistance; 0-6 Nm torque.

Upper extremities	Arm cycling handles and forearm support enable rotational work. Rope handles support pulling patterns, reaching and related configurations.
Lower extremities and hand	Pedals support cyclical leg exercise; ankle strap adapts rope work. A pneumatic rehabilitation glove enables hand configurations in included editions.

UNIGYM | MODES IN PRACTICE

Four modes.
A progression of participation.

Motor-led, assisted and user-led movement options support a graded exercise experience.

01 Passive movement / motor-led repetition

FUNCTION: The motor produces the programmed motion while the person contributes little or no voluntary effort. Selected rotational interfaces guide repetitive arm or leg patterns.

PRACTICAL VALUE: Offer motor-led repetition within a clinician-directed session, with positioning, excursion and tolerance tailored to the participant.

02 Assistance / shared effort

FUNCTION: The system supplements the user’s effort to help complete the selected movement. The degree and behavior of assistance follow the enabled program.

PRACTICAL VALUE: Create an intermediate option between motor-led motion and independent effort. A professional can decide when the person is ready for less support.

03 Active and resistance / user-led work

FUNCTION: Active mode emphasizes voluntary participation. Resistance mode adds adjustable load through rotation or pulling; the product page lists 0-6 Nm torque and 2-10 kg rope resistance.

PRACTICAL VALUE: Adjust load, speed and duration around the participant’s ability and movement quality within a professionally directed progression.

UNIGYM | UPPER-LIMB FUNCTIONS

From the hand to the upper extremity.

Interchangeable accessories make distinct movement patterns possible.

01 Arm cycling / shoulder and elbow patterns

FUNCTION: Fit the arm-cycling handles to the rotation module and position the unit for the selected upper-limb task. Rotation enables repeated cyclical movement.

PRACTICAL VALUE: Organize repeated upper-limb movement, coordination and graded effort using the mode and accessory configuration selected for the program.

02 Forearm rotation / pronation-supination work

FUNCTION: The forearm handle adapts the rotational interface for forearm movement patterns, according to the accessory setup and positioning instructions.

PRACTICAL VALUE: Focus practice on a more specific movement than general arm cycling. A professional determines alignment, supported position, tolerable excursion and participation.

03 Hand and fingers / pneumatic glove

FUNCTION: The rehabilitation glove provides an additional hand interface for assisted opening-and-closing configurations described in the portfolio. It is listed in Full, Kids and Medical packages.

PRACTICAL VALUE: Add hand-focused practice through a fitted rehabilitation glove and a professionally selected sequence of assisted movement.

UNIGYM | LOWER-LIMB AND RESISTANCE FUNCTIONS

More movement patterns. One modular platform.

Rotation, pulling and accessory-based tasks expand the exercise menu around the individual.

01 Leg cycling / hip and knee patterns

FUNCTION: Foot pedals connect to the rotation module for cyclical lower-limb exercise from an appropriately supported position. The published rotation range is 0-60 rpm.

PRACTICAL VALUE: Provide guided or participatory leg exercise from a stable, supported position with professionally selected speed and movement limits.

02 Rope pulling / upper-body resistance

FUNCTION: The rope module and handle enable linear pulling patterns. Published rope travel is 0-140 cm and resistance is 2-10 kg; direction and body position define the task.

PRACTICAL VALUE: Offer graded pulling and reaching work for selected upper-limb or trunk programs. The attachment surface and force direction must match the manual’s permitted configuration.

03 Ankle strap / selected lower-limb patterns

FUNCTION: An ankle interface adapts the rope module to selected leg movements. It is a different configuration from continuous pedal cycling.

PRACTICAL VALUE: Expand the exercise menu with a compact lower-limb interface and a professionally selected movement, load and range.

UNIGYM | ENGAGEMENT AND DOCUMENTATION

Make practice more engaging and visible.

A connected experience combines movement, feedback and session records.



01

Plans, games and guided sessions

Training plans, game-based activities and exercise guidance bring structure and engagement to repeated practice through the app.

02

Reports and progress conversations

Training reports support review of session participation and progress, creating a practical reference for the next professional conversation.

UNIGYM | COMPONENTS AND CONNECTED USE

Modularity with a clear purpose.

Select the interface, position and mode that fit the intended session.



MAIN UNIT

Motor, controls and attachment system.



ROTATION MODULE

Rotational arm or leg exercise interfaces.



ROPE MODULE

Linear pulling and resistance patterns.



ARM HANDLES

Hand interface for arm cycling.



FOOT PEDALS

Lower-extremity cycling interface.



ANKLE STRAP

Connection for selected leg patterns.

Additional interfaces: forearm handle, rope grip and rehabilitation glove, according to package. Connected experience: iOS/Android app with plans, games and reports, paired through Bluetooth. Physical controls include the integrated suction cup and emergency stop.

UNIGYM | EDITIONS AND ENGINEERING

Configure the system around your setting.

Choose the equipment package and accessories that fit your professional service model.

Basic edition	Main unit + rotation module + app.
Full / Kids editions	Main unit + rotation module + pull-rope module + pneumatic glove + app. The Kids edition provides a package for professionally selected pediatric programs.
Medical edition	Full edition + training desk + tablet + tablet stand, bringing the modular platform into a dedicated workstation.
Dimensions / weight	27 x 49 x 22 cm; 6 kg. Rotation diameter 17.8 cm; suction-cup diameter 14.7 cm.
Power and battery	Wireless model: 6400 mAh lithium battery; published endurance up to 12 hours; 110-220 V AC supply/charging as listed. Actual endurance varies.
Movement parameters	Rotation 0-60 rpm; torque 0-6 Nm; rope length 0-140 cm; rope resistance 2-10 kg.
Attachment forces	Integrated suction cup with published holding forces of 20 kg lateral and 45 kg longitudinal, for attachment to an approved smooth, nonporous surface.
Safety and session setup	Prepare the attachment surface, accessories and supported user position; use the emergency-stop control and session monitoring procedures described in the operating instructions.

UNIGYM | CLINICAL AND INSTITUTIONAL AUDIENCES

Bring adaptable movement into the care setting.

Professional settings for adaptable, individually selected movement programs.

01

Physical and occupational therapy

Use interchangeable interfaces to organize selected arm, forearm, hand and leg tasks within a therapist-directed plan. Choose mode, position and load around the person’s capacity.

02

Neurological rehabilitation programs

Therapist-directed neurological programs can evaluate UniGym for guided repetition and assisted participation, selecting tasks according to individual motor ability and the prescribed plan.

03

Orthopedic and postoperative care

Integrate professionally selected movement tasks into a treating clinician’s plan, following the individual’s recovery stage and prescribed loading and movement limits.

04

Senior living and adult day programs

Consider accessible, supervised movement for appropriate older adults with differing participation levels. Staff should assess safe positioning, fatigue, cognition and need for assistance.

From guided repetition to active effort: one adaptable platform, multiple interfaces and a program designed around the individual.

UNIGYM | HOME, COMMUNITY AND ADAPTIVE EXERCISE

Extend the opportunity to practice.

Adaptable service models for professionally directed home, community and exercise programs.

01

Home programs with caregiver support

For users who can follow a prescribed plan, or have a trained caregiver. A professional establishes setup, mode, limits and when to stop before home use.

02

Home-care and community teams

Portable 6 kg design allows consideration for selected home or community sessions. Safe surfaces, transport, cleaning and setup must be checked at each location.

03

Pediatric and special-needs services

The Kids edition offers a package for pediatric and special-needs services. Therapists select the fit, activities and supervision around each child’s size, ability and needs.

04

Adaptive fitness and daily exercise

For appropriately selected users seeking compact upper- or lower-limb exercise with app engagement. Choose accessories and load around ability, goals and safe participation.

UniGym’s strength is adaptability: different interfaces, participation levels and settings around the needs of the individual.

UNIGYM | FROM DEMONSTRATION TO DAILY USE

A clear workflow for a stronger program.

Practical implementation for institutional or professionally directed home use.

1 / Select the user and goal	Define the participant, goal and professional plan. Select guided mobility, assisted participation, active exercise or resistance according to the individual.
2 / Choose the configuration	Match the rotation or rope module and the handles, forearm support, pedals, ankle interface or glove to the selected task and user fit.
3 / Prepare the environment	Secure the unit to a permitted smooth, nonporous surface. Inspect suction, accessories, clearance and supported body position; locate the emergency stop.
4 / Configure and trial	Pair the compatible app and select the enabled mode. Start with conservative settings and a short supervised trial; check comfort and movement quality.
5 / Observe and document	Monitor pain, fatigue, compensations and device alerts. Stop according to the protocol; save the available training report and record any required clinical observations.
6 / Progress deliberately	Review session participation and tolerance, then adjust assistance, resistance, speed or task according to the professional plan.

Turn a product demonstration into a clear, repeatable service experience.

ANOVATOR + UNIGYM | PROGRAM DESIGN

Connect the baseline with purposeful action.

Program concepts connecting professional assessment, selected movement and consistent reassessment.

01

A5 + UniGym / Broad assessment

Use appropriate composition, posture and functional references to inform a professional consultation; select suitable movement tasks and schedule comparable reassessments.

02

M1 + UniGym / Focused workflow

Combine composition and posture follow-up with a separately configured exercise program. Maintain consistent measurement conditions and a clear clinical or wellness owner.

03

P5 + UniGym / Function and participation

Use appropriate grip, balance or performance references to support an individualized movement plan, with tasks selected around each participant’s ability.

04

Institutional program / Repeatability

Standardize preparation, staff training, report handling and reassessment intervals to create a repeatable experience across teams and locations.

Assess with clarity. Select with purpose. Practice consistently. Reassess professionally.

PROFESSIONAL SUPPORT AND REFERENCES

Clear information.
A clear path to adoption.

Product scope: ANOVATOR A5, M1, P5 and UniGym. Verification date: October 24, 2026.

Product fact sources	ANOVATOR model pages: https://anovator.com/a5, https://anovator.com/m1 and https://anovator.com/p5. Functions and P5 comparison reviewed from the official website and its published page assets.
UniGym sources	https://www.robot-gym.com/unigym-all-in-one-home-gym-system; https://www.robot-gym.com/resources; https://unigym.robot-gym.com/. Current product specifications take precedence over older news articles.
Information framework	Manufacturer documentation describes equipment functions and specifications. AOR application examples connect those capabilities with professional services and organizational workflows.
Your configuration	The written proposal identifies the selected model, accessory package, software access, installation needs and service terms for your organization.
Professional interpretation	BIA provides composition estimates; camera and software provide screening and performance references. Qualified professionals interpret findings and select suitable tasks. The bone component is a composition estimate rather than a bone-density examination.
Professional use	Use the equipment within its labeled intended use and current instructions. The responsible professional selects the participant, movement limits and supervision. Establish the appropriate consent, privacy and data-access procedures for your setting.

Product imagery and report samples illustrate the equipment and results presentation. The written proposal and supplied operating instructions define the delivered configuration.

BEGIN THE CONVERSATION

Make your next investment a stronger experience.

Explore the configuration that fits your organization.

Assessment with purpose. Movement with possibility.

Request a product demonstration and a configuration review for your clinical, wellness, fitness or rehabilitation setting.



AOR MEDICAL SOLUTIONS

407-520-2368

americo@aormedicalsolutions.com

www.aormedicalsolutions.com