

Visualization | High-accuracy | Traceability

*What we could do is to empower the hybrid emerging technology to detect people's health and wellness*

# VISBODY

*Brochure of 3D Body Scanner  
R-Explorer & S-30*



## FEATURE OF VISBODY R-EXPLORER

*Real 3D modeling (10 seconds)*  
*1080P HD LCD screen*  
*Circumference Measurement*  
*Posture Analysis*  
*Body Composition Analysis*

*Segmental Fat Analysis*  
*Segmental Lean Analysis*  
*3D Model Comparison*  
*Body Composition History*



1080P HD LCD screen



physical buttons



Handle with electrode



Intel depth cameras\*3



USB interface\*2  
Internet cable interface  
Power cord interface



electrode body fat scale




360 Automatic Turntable



## FEATURE OF VISBODY R-EXPLORER

*Automatic Turntable Experience*  
*Flexibility Testing of Shoulder Function*  
*Updated Firmware Service*  
*White and Black colour available*

 *Colour Black*

 *Colour White*



*Column Size: 1681mm(H) x 400mm(W) x 685.3mm(T)*

*Turntable Size: 74mm(H) x 600mm(Dia)*

*Floor Mat: 1830mm(L) x 680mm(W)*

*Weight: 56.5kg*



## VISBODY R- EXPLORER REPORT

*Body Composition Analysis (Muscle-Fat Analysis, Obesity Analysis, Body Composition Historical Data Comparison)*

*Posture Analysis (Posture Evaluation Overview, 3D model Comparison, Body Circumference Comparison, 3D Avatar Preview- dashboard)*

*Dynamic Lab Function Analysis (Shoulder Flexibility Test)*

**VISBODY Body Composition**

ID: su\*\*\*er@gmail.com Gender: Female

Value	Unit
Weight	106.5 [110]
Lean Body Mass	87.3 [92]
Muscle Mass	82.2 [85]
Body Water	63.5 [65]

**Muscle-Fat Analysis**

Weight	106.5
SMM	82.2
Body Fat Mass	19.3

**Obesity Analysis**

BFP %	18.1
BMI (kg/m <sup>2</sup> )	23.1
WHR	0.85

**Basal Metabolism Rate** kcal/d

1800

**Visceral Fat Level**

Low

**Weight** lbs

106.5

**Body Fat Mass** lbs

19.3

**Muscle Mass** lbs

82.2

**Body Composition Historical Data Comparison**

Date	Weight (lbs)	Body Fat Mass (lbs)
10/20/2019	52.0	23.1
10/14/2020	52.3	23.1
12/14/2020	52.0	23.2
01/14/2021	52.1	23.2
01/14/2022	51.9	23.2

**VISBODY Posture Analysis Report** Score 67

ID: su\*\*\*er@gmail.com Gender: Female Height: 5 ft. 7 in. Age: 26 Test Date/Time: Mar 25, 2020, 16:34 Compared To The Last Score -5

**Posture Evaluation Overview** \* To ensure the data accuracy, please wear tight clothes

Item	Values	Evaluation Conclusion	Risk Warning
Forward Head Posture	20.0°	Possible forward head posture	Forward head may lead to pain and discomfort of neck and shoulders, even cervical degeneration and physiological curvature change if the symptom lasts for a long time
Head Tilt	2.3°	Possible head tilt (left side)	Head tilt may lead to unilateral neck discomfort, migraine and the numbness and weakness of the arms
Rounded Shoulders Posture(left side)	20.0°	Possible rounded shoulders(left side)	Rounded shoulders posture may reduce the chest volume, restrict the diaphragm movement, affect the respiratory, cardiovascular systems and the absorption. It may lead to symptoms such as chest distress, dizziness and shortness of breath
Rounded Shoulders Posture (right side)	20.0°	Possible rounded shoulders(right side)	
Uneven Shoulders	0.7 in.	Possible uneven shoulders(high on right)	Uneven shoulders may lead to chronic pain of neck and shoulders, accompanied by the symptoms such as scoliosis, pelvic displacement and leg length discrepancy
Anterior Pelvic Tilt/Posterior Pelvic Tilt	3.0°	Possible anterior pelvic tilt	Anterior pelvic tilt/posterior pelvic tilt may lead to lumbar weakness
Left Knee Evaluation	3.0°	Possible left knee forward bending	
Right Knee Evaluation	3.0°	Possible right knee forward bending	
Leg Type	Left leg: 3.0° Right leg: 3.0°	Possible O-shaped legs	Knee hyper extension or forward bending may change the mechanical structure of knee joint and increase the damage risk of meniscus, ligament and joint capsule

**Body Circumferences Inches**

Circumferences	Inches						
	Left Upper Arm	Right Upper Arm	Bust	Waist	Hip	Left Thigh	Right Thigh
Present	9.4	9.8	32.6	26.3	34.1	17.2	17.1
Last	9.9	9.8	33.9	27.2	34.2	17.4	17.1
Compared To Last Time	-0.5	0.0	-1.3	-0.9	-0.1	+0.2	0.0
						Left Calf	Right Calf
						13.1	13.5
						-0.3	-0.2

**Shoulder Function**

Abduction and motion of the shoulder

Analysis: The range of motion is normal

Suggestion: No suggestion

## SPEC OF VISBODY R-EXPLORER

Core Parameters			
5/8/3	5 Body Segments, 8-Point Tactile Electrodes, 3 Frequencies(5kHz, 50kHz, 250kHz)		
Testing Method	Direct Segmental Multifrequency Bioelectrical Impedance Analysis (DSM-BIA) & Instantly Body Scan (IBS, Structure Light )		
Imaging Technology	3 built-in Intel cameras, 1 RGB camera		
Output Value	Weight, Lean body mass, Muscle mass, Body water, Inorganic salts, Protein, Body fat mass, SMM, BFP, BMI, WHR, Basal metabolic rate, Visceral fat level, Segmental fat analysis, Segmental lean analysis		
	Postural Assessment: Forward Head Posture, Head Tilt, Rounded Shoulders Posture (left side), Rounded Shoulders Posture (right side), Uneven Shoulders, Anterior Pelvic Tilt/Posterior Pelvic Tilt, Left Knee Evaluation, Right Knee Evaluation, Leg Type (Left leg/Right leg)		
	Shoulder Function Assessment: Abduction and upthrow, Anteflexion and upthrow		
Body Change Detection	Circumferences: Left upper arm, Right upper arm, Chest, Waist, Hip, Left thigh, Right thigh, Left leg, Right leg		
	Model comparison & Historic records		
Functional Parameters			
Reporting Type	A4 Report paper/Backstage Management System (dashboard)/ QR Code (mobile)		
Guide	Human voice guide+ Gesture recognition/ Manual operation		
Screen Size	17.3 inches (Brightness: 300 nits)		
Report Form	PDF/ Paper report/ Webpage report/ H5 webpage on mobile devices		
Data Storage	Automatically save all data/Remote viewing data report/Data report backup		
Data Management	Dashboard website		
Other Parameters			
Device Name	3D Body Scanner	Peripheral	Printer (Epson L1119, HP1112)
Device Type	Visbody-R Explorer	Operating Environment	Temperature 10°C~40°C/50°F~104°F, Humidity 10%~90%RH
Producing Area	Shaanxi, China	Testing Weight Range	10kg-250kg
Device Size	1681mm(H) x 400mm(W) x 685.3mm(T)	Testing Age Range	10-99 years old
Packing Size	192 x 74 x 94cm	Testing Height Range	130cm-200cm
Device Net Weight	59.5 kg	Turntable Size	74mm(H) x 600mm (Dia)
Adapter	Power Input : AC100-240V/50Hz/150W	Turntable Package Size	86 x 72.5 x 21cm
External Interface	Network Interface*1, USB 2.0* 2		
	Power Interface * 1		
Internet	Ethernet		



## FEATURE OF VISBODY S-30

*Upgrade to 4- Frequencies **NEW***

*360° Real 3D Model*

*9 Automatic Measurements of Millimeter-level Body Circumference*

*9 Smart 3D Posture Assessments*

*14 Core Body Composition Analysis **NEW***

*Upgraded Camera System*

*8 Control and Analysis*

*Recommendations **NEW***

*4 Shoulder Function Assessments*

*Gesture and Posture recognition*

*Button, Touch Screen*

*Operation Mode **NEW***

*Turntable Automatic Rotation*



## FEATURE OF VISBODY S-30

*Real 3D modeling (10 seconds)*

*TOUCH screen (18.5 inch)*

*Circumference Measurement*

*Posture Analysis*


*Body Composition Analysis*


*Segmental Fat Analysis*

*Segmental Lean Analysis*

*3D Model Comparison*

*Body Composition History*

 *Colour Black*

 *Colour White*



*Column Size: 1681mm(H) x 400mm(W) x 685.3mm(T)*

*Turntable Size: 74mm(H) x 600mm(Dia)*

*Floor Mat: 1830mm(L) x 680mm(W)*

*Weight: 66 kg*



# VISBODY S-30 REPORT

*Body Composition Analysis (Muscle-Fat Analysis, Obesity Analysis, Body Composition Historical Data Comparison)*

*Posture Analysis (Posture Evaluation Overview, 3D model Comparison, Body Circumference Comparison, 3D Avatar Preview- dashboard)*

*Dynamic Lab Function Analysis (Shoulder Flexibility Test)*

**VISBODY Shoulder Function Assessment**

ID: su\*\*\*er@gmail.com Gender: Female Height: 5 ft. 7 in.

Item	Value
Abduction and upthrow - left h	100.0°
Abduction + upthrow - r	100.0°
Antefl upthet	100.0°
Ar ut	100.0°

**Shoulder Funct**

Abduction and upthrow motion of the shoulder ] Analysis: The motion of th scapula, and ne related patrola may lead to vo Suggestion: Please Invi

**VISBODY Posture Evaluation**

ID: su\*\*\*er@gmail.com Gender: Female Height: 5 ft. 7 in.

Item	Value
Forward Head Posture	20.0°
Head Tilt	2.3°
Rounded Shoulders Posture(left side)	20.0°
Rounded Shoulders Posture (right side)	20.0°
Uneven Shoulders	0.7 in
Anterior Pelvic Tilt/Posterior Pelvic Tilt	3.0°
Left Knee Evaluation	3.0
Right Knee Evaluation	3.0
Leg Type	

**VISBODY Body Composition Report** Score 67

ID: su\*\*\*er@gmail.com Gender: Female Height: 5 ft. 7 in. Age: 26 Test Date/Time: Mar 25, 2020, 16:34 Compared To The Lost Score -5

**Body Composition Overview**

Item	Values	Body Fat Mass	Inorganic Salts	Protein
Weight lbs	72.7 [55.3-74.9]	5.8 [7.8-15.6]	4.21 [3.39-4.14]	13.4 [9.8-12.0]
Lean Body Mass lbs	66.9 [49.8-60.9]			
Muscle Mass lbs	63.6 [47.0-57.4]			
Body Water lbs	49.3 [36.9-44.8]			

**Muscle-Fat Analysis**

Item	Under	Normal	Over	Standard Range	Net
Weight lbs					
SMM lbs		72.7		[55.3-74.9]	0.4
Body Fat Mass lbs	-5.8		48.4	[51.4-58.9]	0.2
				[8.7-17.4]	0.1

**Obesity Analysis**

Item	Under	Normal	Over	Standard Range	Net
BFP %		8.0		[10.0-20.0]	0.1
BMI kg/m <sup>2</sup>		24.6		[18.5-24.0]	0.2
WHR		0.84		[0.8-0.9]	0.1

**Body Composition History**

Item	Values	Obesity Assessment	Gold Standard	Net
Weight lbs	72.7	Normal	72.7	-4.4
Body Fat Mass lbs	5.8	Over	5.8	-5.3
Muscle Mass lbs	63.6	Less	63.6	+1.0

**Body Composition History (Line Graph)**

Date	Weight (lbs)	Muscle Mass (lbs)	BFP (Body Fat Percentage) %
10/20	52.0	23.6	18.7
10/14	52.5	23.1	20.4
10/14	52.0	23.2	20.0
10/14	52.1	23.2	19.7
09/14	51.9	23.2	18.9
20/20	72.7	63.6	13.4

**Segmental Fat Analysis**

Side	Value	Category
Left	1.31	Under
Right	1.31	Under
7.31	Normal	
3.71	Normal	
3.71	Normal	

**Segmental Lean Analysis**

Side	Value	Category
Left	3.71	Under
Right	3.71	Under
56.41	Normal	
14.81	Normal	
15.01	Normal	

**Basal Metabolism Rate**

Item	Under	Normal	Over	Standard Range	Net
Basal Metabolism Rate kcal/d		2686.9		[1537.1-1878.7]	29.8

**Visceral Fat Level**

Item	Under	Normal	Over	Standard Range	Net
Visceral Fat Level		7.0		[1.0-10.0]	0.1

**Intracellular Water**

Item	Under	Normal	Over	Standard Range	Net
Intracellular Water lbs		31.0		[22.7-27.7]	0.6

**Extracellular Water**

Item	Under	Normal	Over	Standard Range	Net
Extracellular Water lbs		18.3		[13.9-17.0]	0.3

**Weight:** Weight is the sum of body water, protein, inorganic salt and body weight.

**Lean Body Mass:** Lean Body Mass is the total body weight without fat.

**Muscle Mass:** Soft lean mass is the lean body mass, which includes skeletal muscle, smooth muscle, and cardiac muscle.

**Body Water:** Most of the human body is water with an amount of 50%-70% of body weight. And body water is mainly in human cells and body fluids, most of which is in muscle cells.

**Body Fat Mass:** Body Fat mass is the sum of subcutaneous fat, visceral fat and muscle fat.

**Inorganic Salts:** The human body is composed of organic matter, inorganic matter and water. The inorganic matter here is inorganic salts which amounts to 5% of the body weight.

**Protein:** Protein is a solid substance with ammonia, which exists in all cells of the human body. It is the main component of muscle mass.

**SMM (Skeletal Muscle Mass):** Skeletal muscle mass, also known as striated muscle, is a type of muscle attached to bones. This data contains the amount of skeletal muscle.

**BFP (Body Fat Percentage):** BFP is a measurement of body composition telling how much of the body weight is fat.

**BMI:** BMI is mainly used to assess the appearance of obesity, and it is a common standard for measuring body fatness.

**WHR (Waist-Hip Ratio):** The ratio of waist to hip circumference, it is an important indicator for determining central obesity.

**Basal Metabolism Rate:** Basal Metabolism rate is the total energy consumed in a day when the body is at rest, not affected by exercise, physical objects, nervousness, external temperature changes, etc.

*S-30: Wider frequencies than Explorer's, 500kHz is available. Additional ICW/ECW parameter analysis is included in the body composition analysis report.*



## SPEC OF VISBODY S-30

Core Parameters			
5/8/3	5 Body Segments, 8-Point Tactile Electrodes, 4 Frequencies(5kHz, 50kHz, 250kHz, <b>500kHz</b> )		
Testing Method	Direct Segmental Multifrequency Bioelectrical Impedance Analysis (DSM-BIA) & Instantly Body Scan (IBS, Structure Light )		
Imaging Technology	UPGRADED INTEL D455 depth camera, FOV( H*V): 90** 65°		
Output Value	Weight, Lean body mass, Muscle mass, Body water, ICW/ECW, Inorganic salts, Protein, Body fat mass, SMM, BFP, BMI, WHR, Basal metabolic rate, Visceral fat level, Segmental fat analysis, Segmental lean analysis  Postural Assessment: Forward Head Posture, Head Tilt, Rounded Shoulders Posture (left side), Rounded Shoulders Posture (right side), Uneven Shoulders, Anterior Pelvic Tilt/Posterior Pelvic Tilt, Left Knee Evaluation, Right Knee Evaluation, Leg Type (Left leg/Right leg)  <b>Shoulder Function Assessment: Abduction and upthrow, Anteflexion and upthrow</b>  Circumferences: Left upper arm, Right upper arm, Chest, Waist, Hip, Left thigh, Right thigh, Left leg, Right leg		
Body Change Detection	Model comparison & Historic records		
Functional Parameters			
Reporting Type	A4 Report paper/Backstage Management System (dashboard)/ <b>QR Code (mobile)</b>		
Guide	Human voice guide + Gesture recognition/ Manual operation + <b>Touch screen operation</b>		
Screen Size	<b>18.5 inches (Brightness: 500 nits)</b>		
Report Form	PDF/ Paper report/ Webpage report/ H5 webpage on mobile devices		
Data Storage	Automatically save all data/ Remote viewing data report/ Data report backup		
Data Management	Dashboard website		
Other Parameters			
Device Name	3D Body Scanner	Peripheral	Printer (Epson L1119, HP1112)
Device Type	Visbody-S 30	Operating Environment	Temperature 10°C~40°C/50°F~104°F, Humidity 10%~90%RH
Producing Area	Shaanxi, China	Testing Weight Range	10kg-250kg
Device Size	1681mm(H) x 400mm(W) x 685.3mm(T)	Testing Age Range	10-99 years old
Packing Size	182 x 77 x 65cm	Testing Height Range	<b>70cm-200cm</b>
Device Net Weight	66 kg	Turntable Size	74mm(H) x 600mm (Dia)
Adapter	Power Input : AC100-240V/50Hz/150W	Turntable Package Size	86 x 72.5 x 21cm
External Interface	Network Interface*1, USB 2.0* 2		
	Power Interface * 1		
Internet	Ethernet		

## VISBODY REPORT VIEWING METHODS

*Visbody Dashboard (webpage data management: [explorer.dashboard.visbody.com](http://explorer.dashboard.visbody.com) / [s30.dashboard.visbody.com](http://s30.dashboard.visbody.com))*

*Printed Paper Report (specified-model printer for the direct print)*

*Mobile Device Report (QR code, no need to download any APP, browser supported)*

**VISBODY Body Composition Report** Score 67 |

ID: su\*\*\*er@gmail.com Gender: Female Height: 5 ft. 7 in. Age: 26 Test Date/Time: Mar 25, 2020, 16:34 Compared To The Last Score -5

**Body Composition Overview**

	Values	Body Fat Mass	Inorganic Salts	Protein
Weight lbs	72.7 [55.5-74.9]	5.8 [7.8-15.6]		
Lean Body Mass lbs	66.9 [49.8-60.9]	4.21 [3.38-4.14]		
Muscle Mass lbs	65.6 [47.0-57.4]		13.4 [9.8-12.0]	
Body Water lbs	49.3 [36.9-44.8]			

**Segmental Fat Analysis**

1.31 Left Under 7.31 Normal 1.31 Right Under

3.71 Normal 3.71 Normal

**Muscle-Fat Analysis**

	Under	Normal	Over	Standard Range	Net
Weight lbs					72.7
SMM lbs					
Body Fat Mass lbs					- 5.8

**Obesity Analysis**

	Under	Normal	Over	
BFP %				8.0
BMI kg/m <sup>2</sup>				- 24.6
WHR				

**Basal Metabolism Rate** (kcal/d)

Visceral Fat Level

Intracellular Water lbs

Extracellular Water lbs

**Body Composition**

Weight lbs: 72.7  
Body Fat Mass lbs: 5.8  
Muscle Mass lbs: 65.6

**VISBODY Posture Analysis Report** Score 67 |

ID: su\*\*\*er@gmail.com Gender: Female Height: 5 ft. 7 in. Age: 26 Test Date/Time: Mar 25, 2020, 16:34 Compared To The Last Score -5

**Evaluation Overview** \* To ensure the data accuracy, please wear tight clothes

Values	Evaluation Conclusion	Risk Warning
20.0°	Possible forward head posture	Forward head may lead to pain and discomfort of neck and shoulders, even cervical degeneration and physiological curvature change if the symptom lasts for a long time
2.3°	Possible head tilt (left side)	Head tilt may lead to unilateral neck discomfort, migraine and the numbness and weakness of the arms
20.0°	Possible rounded shoulders(left side)	Rounded shoulders posture may reduce the chest volume, restrict the diaphragm movement, affect the respiratory, cardiovascular systems and the absorption. It may lead to symptoms such as chest distress, dizziness and shortness of breath
20.0°	Possible rounded shoulders(right side)	
	Possible uneven shoulders	Uneven shoulders may lead to chronic pain of neck and

**Mobile Device Report:**

2022/06/23 04:36

John Mobbin ♂  
Height: 182 cm Age: 21

**Body Composition Assessment Overview**

86 Score  
Compared To The Last Score ↑ 2

**Conclusion**  
our current body composition status good, body type healthy, body fat percentage normal, weight normal.

**Suggestion**  
Eat wisely and stay healthy.

Choose a report to compare  
2022/02/16 vs 2018/04/23 (Present)

Weight / kg: 66.9 kg  
Net ↑ 2

*Website portals to manage Visbody 3D body scanner data:*

<https://explorer.dashboard.visbody.com>

<https://s30.dashboard.visbody.com>

<https://rexp-h5.visbody.com> (mobile device)

## ADVANTAGE OF VISBODY



*High Accurate MFBI A Testing*



*Interactive with AI Algorithm*

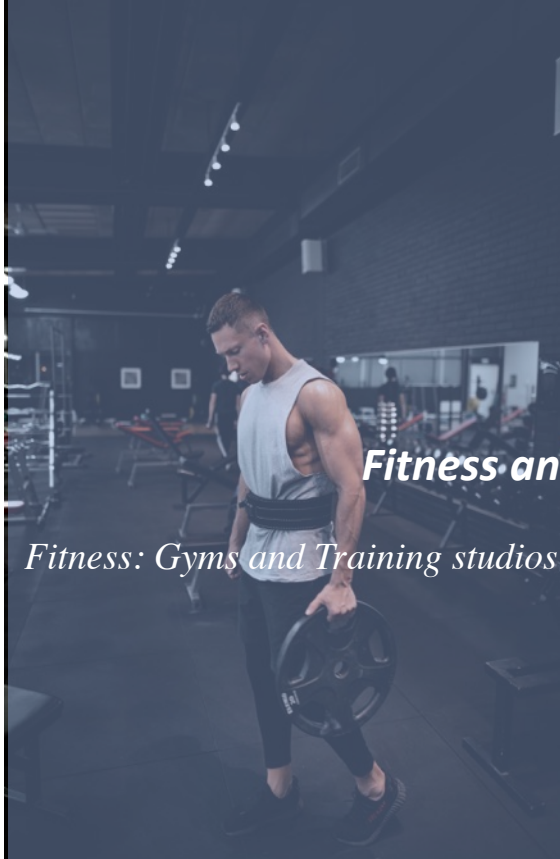


*Automatic Experience for 3D Avatar*



*Comprehensive & Intuitive Report*

## APPLYING SCENARIOS OF VISBODY

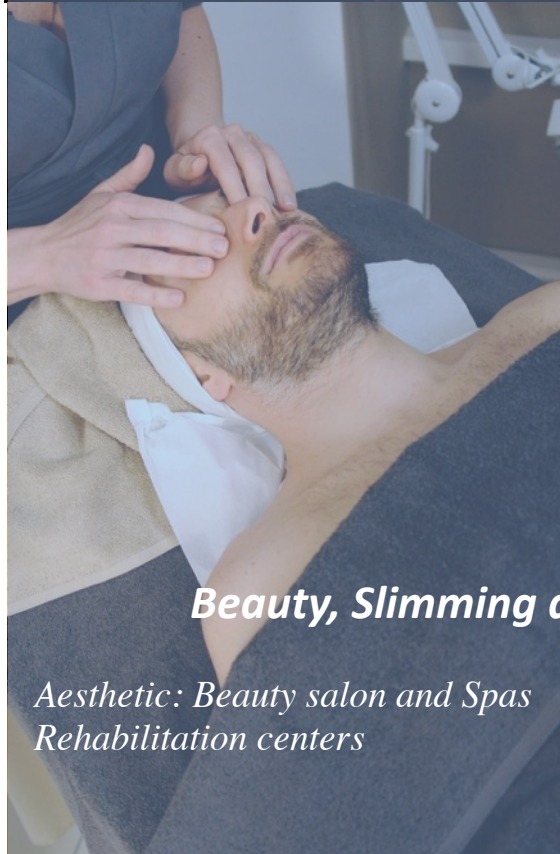


### *Fitness and Wellness*

*Fitness: Gyms and Training studios*



*Wellness: Yoga and Pilates studios*



### *Beauty, Slimming and Rehabilitation*

*Aesthetic: Beauty salon and Spas  
Rehabilitation centers*



*Physical Therapy and Medical  
Professional hospitals and clinics*






## **BENEFIT OF VISBODY**

*Intuitive and interactive experience with Visbody makes it easy and attractive for users to operate.*

*Together with the comprehensive data generated by Visbody body scanner, the **most important value** that empowering the property owners to attract and retain their customers could be accomplished.*





# VISBODY

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