
	सामग्री प्रबंधन अनुभाग भारतीय प्रौद्योगिकी संस्थान, रूड़की रूड़की-247667, हरिद्वार, उत्तराखण्ड, भारत Phone-(O) 01332-28-4293, 4693 E-mail: mmiitr@iitr.ac.in GSTIN-05AAALI0033R1Z5 PAN-AAALI0033R	Material Management Section Indian Institute of Technology Roorkee Roorkee-247667(Haridwar) (Uttarakhand) (India) Phone-(O) 01332-28-4293, 4693 E-mail: mmiitr@iitr.ac.in	
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बिबिदा पत्र/Enquiry Letter

Enquiry Letter No: 2025260030/MM-3/IITR/2025-26/BWA2.0/A&P/18

Date

1-May-25

Bids are invited from the reputed manufacturer/authorized supplier/dealer for the following items. The bids complete in all respect has to be sent through e-mail to mmiitr@iitr.ac.in . The same must be mentioned e-mail id on or before:-

16 May 2025 15:00 Hrs

Quotations/Prices will be accepted in INR only.

The bid may be sent only through E-mail. Hard copy (manual bids) will not be considered.

वस्तु की तकनीकी विशिष्टताये/ Technical Specifications of item:

Sr. No	Name of item / Specifications/	QTY	UOM
1	BCM Device 2.0	1	Set

Note: The bid must be sent only through E-mail. Hard copy (manual bids) will not be considered.

(For Detailed Technical Specifications plz refer Annexure-V)

नोट-1: कृपया वस्तु का मूल्य एवं कर अलग-अलग दर्शाए।

Note-1: Please quote the Rate & Taxes of the item separately.

Note-2: E-way bill is to be issued by the Venders/Transporter

Note-3: The HSN / SAC Code of the item must be mentioned.

For Reasonability of rates, The firm must enclose the last two supply orders for the same item with Bid.

Chapter-1 : Instruction to bidders

- The Tender should be enclosed with proper certifications like Agency Certification, Authorization certificate and/or Proprietary Certificate, as the case may be, in support of your offer.
- बोली का जमा किया जाना/ Submission of Bids:
 - The bids should be submitted with Annexure-I, II, III, IV & V
 - The bids should be printed on official pad preferably with GST Number of the firm
 - The quotations should bear full details and where possible may be duly supported with catalogues, pamphlets, literature, samples of the item/items as the case may be for comparing the quality and rates of the item(s).
 - Quotation received after the closing date and time shall not be considered.
 - The transportation cost, insurance charge etc., if any, percentage/ rate of GST or all other taxes and duties should be clearly mentioned.
 - The bids / rates / tenders should remain valid for a minimum period of 90 days from the date of opening.
 - There should not be any over-writing or cutting on rates quoted. However, all cutting/corrections must be duly authenticated else the offer will be rejected.
 - The rates shall not be subject to escalation of any nature.
 - The rates quoted should be applicable to educational institutions and any cost advantage received in lieu thereof should be passed on the Institution.
 - While quoting / sending rates, the firm shall give an undertaking as per Annexure-II.
 - The quotations should be given for the items in the same order as in the enquiry letter.

Handwritten signature

- C. विधि निक्षेप/ Earnest Money Deposit (EMD): NA
- D. निष्पादन बैंक प्रत्याभूति/ Performance Bank Guarantee (PBG): NA
- E. **बोलियों का खोला जाना/ Opening of Bids:**
- 1 The Bids will be opened as given below:-

Bid Opening	16 May 2025	15:30 hrs	Venue :	Material Management Section, IIT Roorkee
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Chapter-2 : Conditions of Contract

- F. ठेका देना/ Award of Contract:
The final selection of the bidder for the award of the contract will be made on the basis of the lowest commercial bid amongst the Technically Qualified Bidders.
- G. पूर्व-आपूर्ति निरीक्षण/ Pre-supply Inspection:
Authorized representative of the Institute shall make the final inspection before supply of the item at site of the firm, if required.
- H. वस्तु की आपूर्ति/ Supply of Item:
The whole supply as per order shall have to be completed within the time mentioned in the order failing which the I.I.T. Roorkee shall have the right to accept or reject any quantity of items ordered. The firm will have to arrange for supply of the material in good condition.
- I. भुगतान की शर्तें/ **Payment Terms:**
- A. **Payment in INR for supply of goods:**
Where installation is not required: 100% payment will be made after satisfactory delivery of material duly certified by the HOD/P.I.
OR
Where Installation is required :100% payment will be made after satisfactory delivery and installation of the material duly certified by the HOD/P.I.
OR
80% payment will be made on receipt and acceptance of goods and balance 20% on successful installation and commissioning duly certified by the HOD/P.I.
- J. दंड/ **Penalty:**
A penalty of 0.5% of the total order value per week shall be levied for the delay subject to a maximum of 5% of the total order value.
In case of the non-supply of the item/service after the acceptance of the work/supply order, EMD & PBG (if submitted) will be forfeited by the Institute. Also, the firm will be debarred from any future bidding process of IIT Roorkee for a period of a minimum two year.
- K. अपत्याशित घटना/ **Force Majeure:**
For the purpose of and within the scope of contract by way of indication and not of limitation, the term "Force Majeure" shall mean acts of nature, strikes, Lockouts, or other industrial disturbances, act of public/enemy, wars, blockades, insurrection, riots, epidemics, landslides, earthquakes, storms lightening, flood, washouts, civil disturbances, explosion and any other similar even not within the control of either party on which by exercise of due care and diligence neither party is able to prevent or overcome.
- L. मध्यस्थता/ **Arbitration:**
If any dispute which may arise with respect to any term and condition or with respect to the interpretation of any term and condition of the Purchase Order/Work Order, which may be issued to the qualified and successful tenderer subsequently, the same shall be settled strictly in accordance with and in compliance of the Arbitration procedure which is mentioned descriptively in the Purchase Order/ Work Order.
- M. बोली अस्वीकृति के लिए मानदंड/ **Criteria for bid rejection:**
- 1 If technical bid found without the required undertaking (Annexure-II) & Self Certificate for local content (Annexure-IV), then the bid shall be rejected outrightly.
 - 2 If not received on or before due date and time.
 - 3 If bid found without the required undertaking (Annexure-II).
 - 4 If it found at a later date that any information given in the bids is Incorrect/false then the bid is liable to be disqualified/rejected.
 - 5 Canvassing in any form will result to disqualification.
 - 6 If "extra, as actual" etc. are mentioned against any of the price components in the bid the bid will be rejected.
 - 7 If any bidder submitting two/multiple bids for the same item of a tender, both/all the bids of that bidder will be outrightly rejected.

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- 8 If the firm quotes 'NIL' charges / consideration, the bid shall be treated as unresponsive and will not be considered.

Chapter-3 : Schedules of requirements

N. टिप्पणी / Note:

- 1 If the supplier/firm is manufacturer/authorized dealer/sole distributor/of the item, the certificate to this effect should be attached.
- 2 **Annexure-I, II, III, IV & V have to be submitted with bid.**
- 3 It may also be noted that the tender bids received after the stipulated date & time or found incomplete and the tender bids containing false/incorrect information shall be summarily rejected. The Institute shall not entertain any communication in this regard, whatsoever.
- 4 The firm is required to give its Bank Account details with IFSC for the purpose of making e-payment.
- 5 The Indian Institute of Technology (IIT) Roorkee reserves the right to reject any quotation wholly or partly without assigning any reason.
- 6 The quantity shown against the item is approximate and may vary as per demand of the Institute at the time of placing order. Also, the final requirement of each line item will be decided by the Institute at the time of placing the PO.
- 7 The decision of the institute in all matters relating to eligibility, acceptance, rejection of the bid will be final and binding on the applicants.
- 8 IIT Roorkee discourages High Sea Sale purchase. All tenders with High Sea Sale will be rejected.
- 9 The firms should clearly mention (in the financial bid) the Harmonized System of Classification (HS code) defined by the Central Custom and Excise Board (Govt. of India)- for the item(s) involving import.
- 10 **If the due date happens to be a holiday, then the bid will be accepted till 12.00 Noon and opened at 3.30PM of the next working day followed by the holiday.**
- 11 If an agent submits bid on behalf of the Principal/OEM, the same agent can not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
- 12 Indian Agent should submit the certificate from the Foreign Principal that they are the Authorized & Registered Indian Agent.
- 13 The quantity shown in the tender can be increased or decreased to any extent depending upon the actual requirement.
- 14 Any corrigendum/addendum/errata in respect of the Tender Notice/ Enquiry letter shall be made available only at our Institute website www.iitr.ac.in. Hence prospective bidders are advised to visit the Institute website regularly.
- 15 Bidders shall be responsible for the correctness of the information provided in the enquiry letter/tender document. If it is found at a later date that any information given in the bid is Incorrect/false then the bid is liable to be disqualified/rejected.
- 16 Institute will not be responsible for non-receipt of bid(s) within the stipulated date due to delay for any reason.
- 17 Before submission of bids, bidders should read the complete enquiry letter/tender document carefully and ensure that the bidders fulfill the eligibility criteria.
- 18 In case the item/product is under rate contract with DGS&D or GeM, then Bidder should certify that the rate quoted is not over and above (higher side) the rates under RC with the DGS&D or GeM.
- 19 **In case calculation mistakes are found in the financial bid, then the Institute will consider / calculate the total amount on the basis of rate quoted per unit OR total amount as per the total column, whichever is less. If the total amount is considered as per the total column, the rate per unit will be calculated accordingly and will be processed further.**
- 20 The Institute reserves the right to rectify any discrepancy of this advertisement, if found later on. In case of any inadvertent mistake in the process which may be detected at any stage even after the issue of purchase order, the Institute reserves the right to modify/withdraw/cancel any communication made to the bidder.
- 21 **Only 'Class-I local supplier' and 'Class-II local supplier', as defined in the Public Procurement (Preference to Make in India), Order 2017 shall be eligible to bid in tender. For more details please refer: Order No.: P-45021/2/2017-PP (BE-II), DPIIT, Ministry of Commerce and Industry issued Dated: 16th Sept. 2020.**

However, in case the total quoted amount is less than 5 Lac then supplier is exempted from the mentioned order of Public Procurement (Preference to Make in India), Order 2017.

Self-certificate has to be provided in this regard that the item offered meets the local content requirement for 'Class-I local supplier' & 'Class-II local supplier'. (As per annexure-IV)

Chapter-4 : Specifications and allied Technical details

Plz. See Annexure- I, II, III, IV & V

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Chapter-5 : Price Schedule (to be utilized by the bidders for quoting their prices)

Plz. See Annexure- III

Chapter-6 : Contract Form

Purchase Order is used as Contract Form

Chapter-7 : Other Standard Forms, if any to be utilized by the purchaser and bidders



उप कुलसचिव (सामग्री प्रबंधन)
Deputy Registrar (MM)

01/05/2025

For any Clarification Please Contact:

Prof. E. Rajasekar, Dept. of Architecture & Planning, IIT Roorkee	Dept. of Architecture & Planning, IIT Roorkee	Ph.-01332-28-4838	Email: raj@ar.iitr.ac.in
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(अपने आधिकारिक लेटर हेड पर विक्रेता/फर्म द्वारा प्रस्तुत करने के लिए)

(to be submitted by the vendor/firm on its official letter head)

Sr.No	Name & Required Specifications of Item(s)	Qty	UOM	Offered specifications of item(s) by the firm
1	BCM Device 2.0	1	Set	
	Firm's Profile :			
1	Manufacturer/Authorized Agent/Distributor/Dealer/Supplier(valid certificate must be attached)			
2	E-mail I.D. & Telephone/Mobile No. Detail of Bank A/C			
Note:	1. "offered specifications", should be filled up properly in the format provided as per Annexure-I.			
	2. Volume & Weight of the item should also be mentioned.			
	3. The HSN / SAC Code of the item must be mentioned.			

Signature: _____

Name : _____

Designation : _____

Seal of the Organisation

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उपबंध / UNDERTAKING

Ref. No.
Dated:-

Enquiry Letter No: 2025260030/MM-3/IITR/2025-26/BWA2.0/A&P/18
1-May-25

I/We hereby certify that we or Our OEM are not from such a country which shares a land border with India or, if from such a country, We are registered with the Competent Authority. [Where applicable, evidence of valid registration by the Competent Authority is attached.]" (For details Please refer Order No.: F.No. 6/18/2019-PPD Dt.: 23rd July 2020)

Link of Order: [http://mm.iitr.ac.in/mmweb/public/forms/63374_GFR%20Rule%20144%20\(xi\).pdf](http://mm.iitr.ac.in/mmweb/public/forms/63374_GFR%20Rule%20144%20(xi).pdf)

That all the terms/conditions mentioned in the enquiry letter/tender against which the rates are being given are acceptable to the firm.

It is certified that the rate quoted is not over and above (higher side) the rates under RC with the DGS&D or GeM.

It is certified that the firm has never been black-listed from any Government Department. (State/Central Govt./ Autonomous/ PSU)

Signature_____

Name_____

Designation_____

Seal of the Firm/Agency

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(to be submitted by the vendor/firm on its official letter head)

Enquiry Letter No. 2025260030/MM-3/IITR/2025-26/BWA2.0/A&P/18

Date: 1-May-25

Rates :

Sr. No	Name of item / Specifications/	Qty	UOM	Rate	Amount (INR)
1	BCM Device 2.0	1	Set		
Total					
GST etc. @%					
Grand Total Rs.					

1) Price of the items should be clearly mentioned if supplied Free of Cost.

Terms & Conditions:

1 Prices (in Rs.): FOR

Dept. of Architecture & Planning, IIT Roorkee

2 Payment:

Should be clearly mentioned, As per clause-I of enquiry letter.

3 Validity:

4 Delivery period:

5 Other charges:

6 Warranty:

7 Rejection:

Item if found not as per the required specification would be rejected.

8 Penalty Clause:

As per clause-J of enquiry letter.

9 Order to be placed:

(Name and complete address
of the firm to whom
Purchase/Work order is to be
issued.)

It is certified that the rate quoted is not over and above (higher side) the rates under RC with the DGS&D or GeM.

Signature_____

Name_____

Designation_____

Seal of the Firm/Organization_____

Details of Institute :

IEC CODE	0100000011	
AD CODE	0001069-2770325	S.B.I., IIT ROORKEE
	0303974-2770324	P.N.B. IIT ROORKEE

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(to be submitted by the vendor/firm on its official letter head)
Self-Certificate for Local Content

Enquiry Letter No. 2025260030/MM-3/IITR/2025-26/BWA2.0/A&P/18

Date: 1-May-25

We hereby certify that the items quoted by us against above mentioned tender no. has the local content as per below:

Local Content (in %):.....

Local Supplier Class:.....

The details of the Make in India items/parts used in the quoted products is/are as under:

- 1
- 2
- 3

The details of the location(s) at which the local value addition made/manufactured is/are as under:

- 1
- 2
- 3

We also understand, false declarations will be in breach of the code of integrity under rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Signature:

Name:

Designation:

Seal of the Firm/Organization:

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Specifications: BCM DEVTechnical Specifications: BCM DEVICE 2.0**Key Specifications****Bioelectrical****Impedance****Analysis****Bioelectrical****Impedance(Z)****(BIA)**

40 Impedance Measurements by Using 8 Different Frequencies (1kHz, 5kHz, 50kHz, 250kHz, 500kHz, 1MHz, 2MHz, 3MHz) at Each of 5 Segments (Right Arm, Left Arm, Trunk, Right Leg and Left Leg)

Phase Angle

15 Phase Angle Measurements by Using 3 Different Frequencies (5kHz, 50kHz, 250kHz) at Each of 5 Segments (Right Arm, Left Arm, Trunk, Right Leg, and Left Leg)

Reactance (Xc) 15

Impedance Measurements by Using 3 Different Frequencies (5kHz, 50kHz, 250kHz) at Each of 5 Segments (Right Arm, Left Arm, Trunk, Right Leg, and Left Leg)

Electrode method 16-Point Clamp Electrodes

Measurement**Method**

Direct Segmental Multi-Frequency Bioelectrical Impedance Analysis (DSM-BIA)

Simultaneous Multi-Frequency Bioelectrical Impedance Analysis (SMF-BIA)

Body Composition**Calculation method**

No Empirical Estimation

Compatible Device

Stadiometer, Device Portable Case, Device Electrodes, Battery Pack

Logo Display

Name, Address and Content Information can be shown on the ResultsSheet LCD Screen, Data management software

Digital Results, Type of results sheets

Body Composition Result Sheet, Body Water Result Sheet, Evaluation Result Sheet, Research Result Sheet, Comparison Result Sheet, Result Sheet for Children.

Voice Guidance

Audible guidance for test in progress and test complete

Data Storage

Saves up to 100,000 measurements (When ID is entered)

Administrator Menu

Setup: Configure settings and manage data.

Troubleshooting: Additional Information to help use the device.

USB

Copy, backup, or restore the test data (data can be viewed on Excel or In data management software)

Barcode Reader	Member ID will be automatically Inputted when the Barcode is scanned
Backup data	Backup data saved in DEVICE (BCM) by using an DEVICE USB
QR Code	See your result on DEVICE mobile App
Applied Rating Current	1kHz : 70uA (+-10uA), Over 5kHz : 300uA (+-30uA)
Adapter	Bridgepower (BPM040S12F07) Power Input AC 100-240V, 50-60Hz, 1.2A (1.2A-0.6A) Power Output DC 12V, 3.4A Mean Well (GSM40A12-P1IR) Power Input AC 100-240V, 50-60Hz, 1.0-0.5A Power Output DC 12V, 3.34A
Display Type	1280 x 800 10.1Inch Color TFT LCD
Internal Interface	Touchscreen, Keypad
External Interface	RS-232C 4EA, USB Host 2EA, USB Slave 1EA, LAN(10/100T) 1EA, Bluetooth 1EA, Wi-Fi 1EA
Compatible Printer	BCM DEVICE compatible printers3M
Dimensions	322(W) x 282(L) x 81.5(H): mm
Equipment Weight	3.3kg (7.27lb, BCM only)
Test Duration	About 90 seconds
Operation Environment	10~40°C (50~104°F), 30~75% RH, 70~106kPa
Storage Environment	-10~70°C (14~158°F), 10~80% RH, 50~106kPa (No Condensation)
Weight Range	10~250kg (11~660.1lb) (Needs to be entered externally)
Age Range	3~99 years
Height Range	95~220cm (3ft 1.40in ~ 7ft 2.61in)

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**Body Composition
Result Sheet**

Result parameters and Result Interpretation • Body Composition Analysis (Total Body Water, Protein, Mineral, Body Fat Mass, Weight) • Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass) • Obesity Analysis (Body Mass Index, Percent Body Fat) • Segmental Lean Analysis • Segmental Fat Analysis • Segmental ICW Analysis • Segmental ECW Analysis • ECW Ratio Analysis (ECW Ratio) • Segmental ECW Ratio • Body Composition History (Weight, Skeletal Muscle Mass, Percent Body Fat, ECW Ratio) • Score • Visceral Fat Area (Graph) • Weight Control (Target Weight, Weight Control, Fat Control, Muscle Control) • Body Type (Graph) • Nutrition Evaluation (Protein, Minerals, Fat Mass) • Obesity Evaluation (BMI, Percent Body Fat) • Body Balance Evaluation (Upper, Lower, Upper-Lower) • Waist-Hip Ratio (Graph) • Visceral Fat Level (Graph) • Research Parameters (Extracellular Water, Intracellular Water, Skeletal Muscle Mass, Fat Free Mass, Basal Metabolic Rate, Waist-Hip Ratio, Visceral Fat Level, Visceral Fat Area, Obesity Degree, Bone Mineral Content, Body Cell Mass, Arm Circumference, Arm Muscle Circumference, FMI, FFMI, SMI, Recommended Calorie Intake, Calorie Expenditure of Exercise, DEVICE Score) • Blood Pressure (Max/Min/Pulse Rate, Avg/Pulse pressure/R.P.P) • Result Interpretation QR Code • QR Code • Segmental Body Phase Angle (5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Whole Body Phase Angle (50kHz) • Impedance Graph (Each segment and each frequency)

**Body Composition
Result Sheet for
Children**

Result parameters and Result Interpretation • Body Composition Analysis (Total Body Water, Protein, Mineral, Body Fat Mass, Fat Free Mass, Soft Lean Mass, Weight) • Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass) • Obesity Analysis (Body Mass Index, Percent Body Fat) • Growth Graph (Height, Weight, BMI) • Growth Score • Body Composition History (Height, Weight, Skeletal Muscle Mass, Percent Body Fat) • Nutrition Evaluation (Protein, Minerals, Fat Mass) • Obesity Evaluation (BMI, Percent Body Fat) • Body Balance (Upper, Lower, Upper Lower) • Segmental Lean Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Segmental Body Water Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Research Parameters (Intracellular Water, Extracellular Water, Basal Metabolic Rate, Child Obesity Degree, Bone Mineral Content, Body Cell Mass, FFMI, FMI) • Blood Pressure (Max/Min/Pulse Rate, Avg/Pulse pressure/R.P.P) • Result Interpretation QR Code • QR Code • Segmental Body Phase Angle (5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Whole Body Phase Angle (50kHz) • Impedance Graph (Each segment and each frequency)

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Body Water Result Sheet Result parameters and Result Interpretation • Body Water Composition (Total Body Water, Intracellular Water, Extracellular Water) • ECW Ratio Analysis (ECW Ratio) • Segmental Body Water Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Body Composition Analysis (Protein, Minerals, Body Fat Mass, Fat Free Mass, Bone Mineral Content) • Segmental ECW Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg) Evaluation Result Sheet • Body Water Composition History (Weight, Total Body, Intracellular Water, Extracellular Water, Extracellular Water Ratio) • Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Soft Lean Mass, Body Fat Mass) • Obesity Evaluation (BMI, Percent Body Fat) • Research Parameters (Fat Free Mass, Basal Metabolic Rate, Waist-Hip Ratio, Visceral Fat Area, Obesity Degree, Body Cell Mass, Arm Circumference, Arm Muscle Circumference, TBW/FFM, FMI, FFMI, SMI) • Blood Pressure (Max/Min/Pulse Rate, Avg/Pulse pressure/R.P.P) • Result Interpretation QR Code • QR Code • Segmental Body Phase Angle (5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Whole Body Phase Angle (50kHz) • Impedance Graph (Each segment and each frequency)

Evaluation Result sheet

- Whole Body ECW Ratio (ECW/TBW): (T Score, Z-score)
- Visceral Fat Area (VFA,cm²): (T-Score, Z score)
- Body Mass Index (BMI,kg/m²): (T-Score, Z-score)
- Bioelectrical Impedance Vector Analysis (BIVA)
- Whole Body Phase Angle_50kHz (PhA,°): (T-Score, Z-score)
- ECW Ratio (ECW/TBW) Balance (Right Arm, Left Arm, Trunk, Right Leg, Left Leg): Evaluation
- Percent Body Fat (PBF,%): (T-Score, Z-score)
- Skeletal Muscle mass Index (SMI,m²): (T-Score, Z-score)
- Fat Mass Index (FMI,kg/m²): (T-Score, Z-score)
- Fat Free Mass Index (FFMI,kg/m²): (T-Score, Z-score)
- Lean Mass (LM) Balance(Right Arm, Left Arm, Trunk, Right Leg, Left Leg): Amount, Evaluation
- Skeletal Muscle Mass and ECW Ratio (SMM,% & ECW/TBW)
- Skeletal Muscle mass Index and ECW Ratio (SMI,kg/m² & ECW/TBW)
- Waist Hip Ratio (WHR): (T-Score, Z-score)
- Body Cell Mass (BCM,kg): (T-Score, Z-score)
- Outer Circumference(cm)
- Weight (kg): (T-Score, Z-score)
- Skeletal Muscle Mass/WT,
- Extracellular Mass/Body Cell Mass (ECM/BCM): (T-Score, Z-Score)
- Total Body Water/Weight (%): (T-Score, Z-Score)

Comparison Result Sheet

- Weight, Skeletal Muscle Mass, Body Fat Mass, ECW Ratio, Phase Angle: Whole Body (Current Result, Previous Result,INB Current-Previous Result difference) • Lean Mass, ECW Ratio, Phase Angle: Right Arm, Left Arm, Trunk, Right Leg, Left Leg (Current Result, Previous Result, Current-Previous Result difference) • Cole-Cole Plot (Today, Recent, Standard Median Curve)

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Research Result
Sheet

• Body Composition Summary (Fat Free Mass, Body Fat Mass, Intracellular Water, Extracellular Water, Body Water, ECW Ratio, Weight) • Body Composition Analysis (Lean Mass, ICW, ECW, Fat Mass, ECW/TBW): Whole Body, Right Arm, Left Arm, Trunk, Right Leg, Left Leg • Research Parameters (BMI, Percent Body Fat, Percent Abdominal Fat, Visceral Fat Area, Obesity Degree, Waist Circumference, FMI, Skeletal Muscle Mass, FFMI, SMI, Protein, Body Cell Mass, Mineral, Bone Mineral Content, Basal Metabolic Rate, Arm Circumference, Arm Muscle Circumference, TBW/FFM) • Segmental Body Phase Angle (5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Whole Body Phase Angle (50kHz) • Impedance Graph (Each segment and each frequency)

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