



**Z-MÉTRIX®**

MEDICAL AND MULTI-FREQUENCY IMPEDANCE METER

SPORT | HEALTH | WELLNESS | NUTRITION

**bioparhom**  
BIOIMPEDANCE ANALYSIS

## Z-MÉTRIX® provides

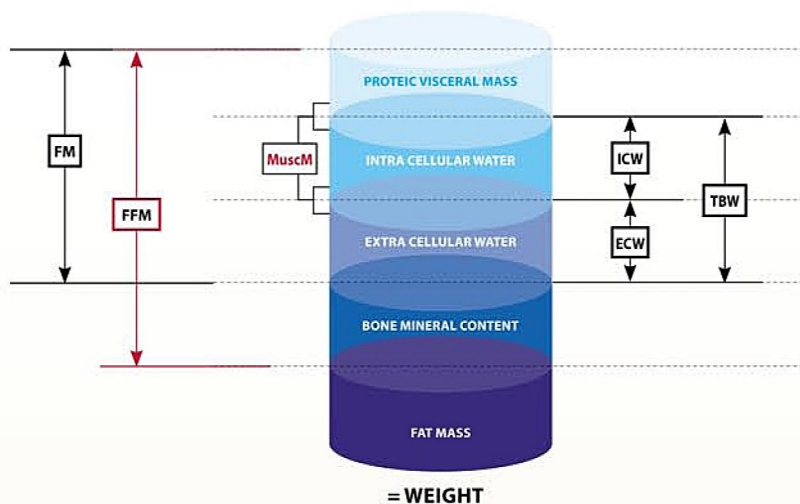
- ✓ **Instant display** of body composition indices
- ✓ **Optimization** of patient care support
- ✓ **Quantification** of patient care effectiveness

Z Metrix provides clinicians with effective patient assessment of body indicators enabling them to better monitor patient progress:

- ✓ **In Nephrology, clinicians** can better gauge 'dry weight' settings helping with the treatment of sarcopenia, osteoporosis and malnutrition.
- ✓ **In Oncology, clinicians** can better deal with toxicity prevention, treating sarcopenia, osteoporosis and malnutrition.
- ✓ **In Nutrition, clinicians** can improve the treatment of sarcopenia, osteoporosis and malnutrition. Body composition indices also facilitate improved correlation between food nutrition and patient's body composition.
- ✓ **In Cardiology, clinicians** can counteract oedema with accurate diuretic treatment, along with the treatment of sarcopenia, osteoporosis and malnutrition.



The Body is divided in five compartments



### Measured parameters:

- FFM : Fat Free Mass
- LBM : Lean Body Mass
- MuscM : Muscle Mass
- FM : Fat Mass
- BMC : Bone mineral content
- TBW : Total Body Water
- ECW : Extra cellular water
- ICW : Intra cellular water

### Unconnected measurements

## Z-MÉTRIX® indicators

### Tissue indicators

- ✓ Muscle mass
- ✓ Fat mass
- ✓ Bone mineral content
- ✓ Lean body mass
- ✓ Fat free mass

### Water indicators

- ✓ Total Body Water
- ✓ Healthy Total Body Water
- ✓ Extra cellular water
- ✓ Intra cellular water
- ✓ Over Hydration

### Metabolic indicators

- ✓ Metabolic activity indicator
- ✓ Quantity of active cell mass
- ✓ Quantity of proteins

## The benefits:

- ✓ Patients can be analysed either standing up or lying down, this latter position is ideal in Nursing Care
- ✓ Accurate measurements based on impedance spectroscopy
- ✓ An array of body composition indicators enables relevant and detailed analysis of results
- ✓ Free space for comments in the report that provides added future information
- ✓ All indices are calculated independently
- ✓ Software is scalable and easily updated
- ✓ Accurate and repeatable measurements
- ✓ Mobile, lightweight and transportable
- ✓ Software does not require a license

## Pack **Z-MÉTRIX®**

includes

Z-Mérix®, 6 Rechargeable AA batteries, USB cable, charger, connecting cable for electrodes, 30 electrodes, shockproof carrying case, operating instructions, software Z-Mérix®.

### Main Software functions:

- Patient directory to locate, add new patients and view existing patients
- Provide automated tracking graphs
- PDF and Excel Export functions
- Detailed archived patient records

### Ergonomics

- Language: French, English and Spanish
- Windows
- Storage of data on USB or HDD

- ✓ Accurate and repeatable measurements
- ✓ Mobile, lightweight and transportable
- ✓ Software without the need for a license



Ensure instructions are read carefully  
Product unsupported by insurance providers.  
Medical device Class I



MANUFACTURED  
IN FRANCE



BLUETOOTH



WINDOWS  
COMPATIBLE



2 YEAR  
WARRANTY



## MEDICAL, NUTRITION AND SPORTS PERFORMANCE

### Heart of our business: Innovation

With over 10 years of research and expertise our multi disciplinary Research & Development team are scientifically enabled to design and produce innovative and ergonomically designed medical products for our medical market place.

### Our expertise: Bioimpedance

Bioparhom is recognized as a company at the forefront of Bioimpedance Technology Expertise providing instant reliable and accurate assessment of body composition such as hydration, oedema, fat or muscle mass, metabolism, malnutrition...

### Our goal: Quality

Bioparhom quality, in addition to our expertise, are our 2 forefront concerns with respect to our products. In order to satisfy our customers and partners, and to ensure a qualitative follow-up, our products are design and manufactured in France. They comply with all European Medical recommendations on Medical devices. Our quality processes include a clinical validation of all physiological indices and have ISO 13485 certification.

## AFTER PURCHASE SERVICES

- Technical back up service.
- Option to add a range of accessories enhancing operations.
- Assistance in the interpretation of indices.
- Ongoing training.
- Advise on Nutritional recommendations to patient.
- Benefits to customers of our ongoing Research & Development.

## PRODUCTS

- Z - Metrix ®: athletic performance, nutrition, fitness and well being.
- Z-Scan: human and plant research laboratory, small laboratory animal, living systems.
- Hospital devices for Nephrology, Cardiology, Intensive Care, Oncology, Nutritional Services.
- Veterinary products: Equestrian community.



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