EchoMRI™ 4-in-1-500
Body Composition Analyzer
Product Specifications
(Basic Model)

General

Dimensions:	48"W x 28"D x 52"H / 121cm x 71cm x 132cm
Weight:	Approximately 830lbs / 380Kg
Instrument power:	1 outlet at 115/230 VAC, 50-60 Hz, 500 W, 8A/4.5A
Shielding of Vertical Part:	The 5-Gauss magnetic field is fully contained inside the rack with the exception of hemispherical volumes of 3" radius at the upper opening of each bore.
Shielding of Horizontal Part:	The 5-Gauss magnetic field is fully contained inside the rack with two exceptions: a 9”-radius hemisphere protruding from the rack at the bore opening and a similar hemisphere directly opposite to the bore opening.
Holders for Vertical Bores:	3 holders of custom-defined sizes, one for each probe size. Additional holders are available.
Holders for Horizontal Bore:	3 holders of custom-defined sizes, typically 300 and 500 grams. Additional holders are available.
Mobility:	Single-body system on 6 casters for easy relocation
Warm-up Time:	5 - 10 minutes after turning power on
Range:	up to 500 g for the Rats (horizontal) probe up to 100 g for the Mice (vertical) probe up to 7 g for the Tissue/Organs (vertical) probe up to 0.3 for the Biopsy (vertical) probe

Interfaces

Operating System:	Windows 10 Professional

User Input:	Keyboard, mouse, and ASCII files
User Output:	Monitor and files: ASCII, Excel, Access
Communication Ports:	2 USB / 1 RJ45 CAT-5 10/100Mb network card
Monitor:	17" LCD flat screen

Functions

Measuring time:	0.5 - 3.2 minutes, depending on the precision option
Calibration:	Not required after installation
Records:	Automatic save in file system and database
Measured:	The whole body masses of Fat, Lean, Free Water, and Total Water

Other Max Sample Mass Options

700 grams:	Typical choices of holder sizes are 300, 500, or 700 grams.
900 grams:	Typical choices of holder sizes are 300, 500, 700, or 900 grams.
1100 grams;	Typical choices of holder sizes are 300, 500, 700, 900, or 1100 grams.