



EchoMRI™-500 Body Composition Analyzer

Product Specifications

(Basic Model)



General

Dimensions:	24"W x 32"D x 49"H = 61cm x 80cm x 125cm
Weight:	495lbs = 225Kg
Instrument power:	1 outlet at 115/230 VAC, 50-60 Hz, 500 W, 8A/4.5A
Shielding:	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.
Max Sample Mass:	500 grams
Holders:	3 animal holders of custom-defined sizes, typically 300 or 500 grams. Additional holders are available.
Mobility:	Single-body system on 4 casters for easy relocation
Warm-up Time:	5 - 10 minutes after turning power on

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.

Options for Still Smaller Animals and Samples

A100:	Live animals up to 100 grams. Alternative antenna insert. Precision equivalent of EchoMRI™-100H.
A10:	Samples up to 7 grams. Alternative antenna insert.

Options for Still Smaller Animals and Samples

Product Specifications

A100

Description:	Additional antenna/sensor insert. Dedicated system test sample and holders
Range:	Live animals up to 100 grams
Compatibility:	EchoMRI™-500/700/900/1100
Dimensions:	Cylinder 4"OD x 21"L / 101.6mm x 533.4mm
Weight:	Approximately 5lbs / 2.3Kg
Holders:	Typically 20, 40, 60, 80, and 100 grams
Description:	Dedicated system test sample and holders
Range:	Live animals up to 100 grams
Compatibility:	EchoMRI™-500/700/900/1100
Holders:	Typically 20, 40, 60, 80, and 100 grams

A10

Description:	Additional antenna/sensor insert. Dedicated system test sample and holders
Range:	Samples up to 7 grams
Compatibility:	EchoMRI™-500/700/900/1100
Dimensions:	Cylinder 4"OD x 21"L / 101.6mm x 533.4mm
Weight:	Approximately 5lbs / 2.3Kg
Holders:	Sample holder 0.266"ID x 1"L / 6.8mm x 25.4mm