



## **EchoMRI™-100H Body Composition Analyzer Product Specifications (Basic Model)**



### ***General***

Dimensions:	24"W x 32"D x 49"H / 61cm x 80cm x 125cm
Weight:	Approximately 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:	100 grams
Holders:	3 animal holders of custom-defined sizes, typically 20, 40, 60, 80, and 100 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
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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***

130 grams:	Typical choices of holder sizes are 20, 40, 60, 80, 100, and 130 grams.
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### ***Extra Precision Options***

A10:	Samples up to 7 grams. Alternative antenna insert.
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### **Enhanced Precision for Smaller Samples:**

#### **Product Specifications EchoMRI™ Precision Hardware**

##### ***A10***

Description:	Additional antenna/sensor insert. Dedicated system test sample and holders
Range:	Samples up to 7 grams
Compatibility:	EchoMRI™-100/130
Dimensions:	Cylinder 2"OD x 21"L / 50.8mm x 533.4mm
Weight:	Approximately 5lbs / 2.3Kg
Holders:	Sample holder 0.266"ID x 1"L / 6.8mm x 25.4mm