Testing Made Simple!

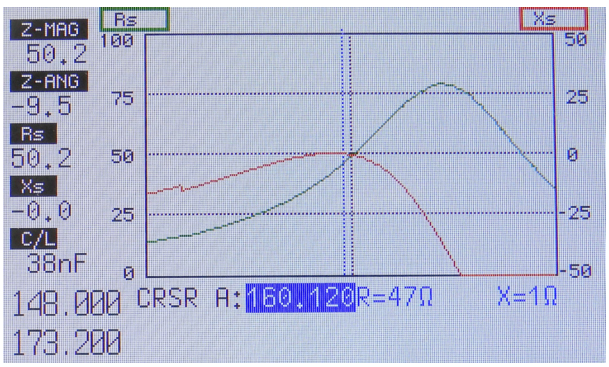
Technology, Inc.

LIBERATOR SERIES
Bravo MRI 3000 Analyzer

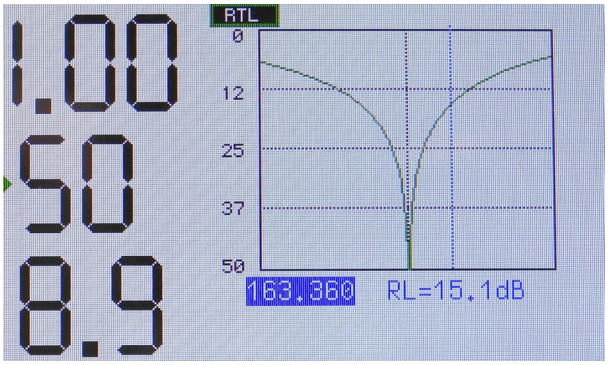
The Bravo MRI 3000 Analyzer is a Network Analyzer that accurately measures Impedances from 0 to 2000 Ohms, Resistance, Impedance Angle, X, Q, Return Loss, and SWR. The Bravo MRI 3000 can simultaneously provide graphical display for any two measurement parameters. The frequency sweep is plotted in the X axis and independent left and right Y axis scales are user selectable. The Bravo's portability and ability to function in close proximity to magnetic fields make it the ideal test instrument for installing and servicing MRI systems. Additionally, our Bravo products come with MRI PC Vision™ software. This software permits remote control operation of the Bravo MRI 3000 to upload test results to a PC or laptop, view the VNA or Smith Charts in full color, store and print complete analyzer data. While the Bravo's LCD can support displaying two parameters, PC Vision can display one or all the testing parameters at once. The Bravo MRI will save time, reduce capital expenditures, and reduce costs typically associated with the installation and servicing of MRI Systems.

Multiple Measurements in One Rugged, Hand-held Package

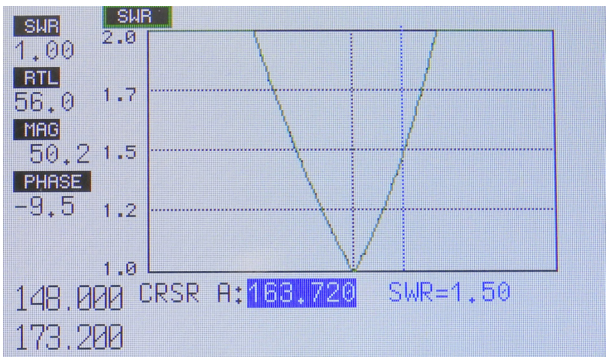
Mag and Phase



Resistance and Reactance



Return Loss



SWR

See reverse side for key specifications and optional accessory details

Testing Made Simple!

AEA Technology, Inc.

Bravo MRI 3000 Analyzer

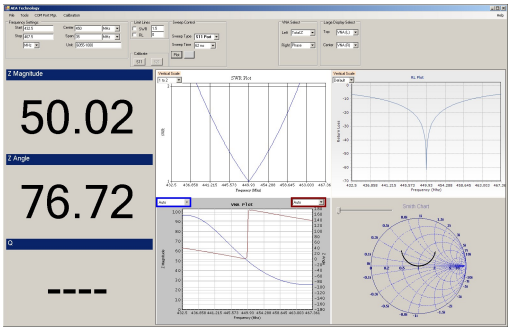
Key Specifications (for a complete list download the Operating Manual from our website)

Bravo MRI 3000	SWR, Return Loss, Resistance, Z, Z Angle, X, Q, Equivalent Inductance and Capacitance
Frequency Range:	100KHz – 450MHz (0.1 to 10 Tesla)
Tuning/Display Resolution:	1Hz (100 KHz - 150MHz), 200Hz > 150MHz
Refresh Rate:	2.5 times/second
Frequency Display:	210 points (Large Format) 150 points (Small Format)
Measurement Speed:	5ms / data point
Output Power:	-20 dBm @ 50 Ohms
RF Connectors:	"N" Type
Power requirements:	12-18 VDC @ 650mA min. or 8 AA Batteries
Size:	8.5" x 4.3" x 2.25" (216 x 109 x 57 mm)
Weight:	1.6 lbs (0.75 Kilogram) with belt case
Warranty	2 years

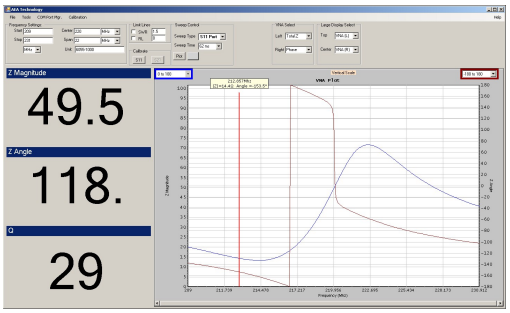
CERTIFICATIONS : CE
EMC: EN/IEC 61326-1:2013/2020
Safety: EN/IEC 61010-1:2010 +A1:2016 + C1:2019

Specications subject to change without notice

Make tuning clear and easy using Pc Vison application



View all measurement screens or zoom in on one...



Made in USA with US and global parts

ISO 9001 Registered Company

Features:

- One-button Auto-tune locates the coil's best SWR or Return loss
- Large Format readout allows easy coils adjustment from a distance and large numeric display in CW mode
- Quarter VGA back-lit color display (user selectable color scheme) Colors can be customized for best viewing
- Save, recall and upload test results to a PC
- Quickly shift between SWR, Return Loss and VNA functions
- Has "Cable Null" option to eliminate test lead or feed line
- MRI PC Vision™ software and USB-2 Cable included
- Internal Memory can hold 100's of plots and setups
- Ultra Low-Magnetic signature

Benefits:

- Economical Multi Function MRI system testing
- Very fast response time in graphical display mode
- Compact design makes it easy to carry on site
- Provides rapid coil performance analysis
- Improves MRI reliability
- Improves MRI image quality
- Reduces service wait time
- Reduces MRI out of service time
- Operates in magnetic environment
- Can be operated in remote control from a PC or laptop
- Document coil performance and tuning
- Maintain servicing records for coils
- Optional dual-port models (S11 & S21) for coil-to-coil loss/separation measurements

Ordering Information:

6055-5000 Single port unit
6055-5100 Dual port unit
The Bravo MRI 3000 Analyzer
Included Items:
Bravo MRI 3000 Analyzer
"N" to BNC Adapter,
Terminators BNC (short & 50 Ohm),
6 ft USB Cable and 15 ft extension, AC adapter, Quick Start Guide,
and CD with Operating Manual, Training PPT and MRI PC Vision™ software

Optional Accessories

Kit Carrying Case Part No. 6015-1002
Large reinforced soft sided carrying case
Calibration Certificate Part No. 6000-0402

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