MIZ-28 Specification Comparison Guide

Specification	MIZ-28 Lite	MIZ-28
Drive Technique	Multiplexed and Simultaneous Injection	Multiplexed and Simultaneous Injection
Internal Hard Drive	Standard 40 GB of data	Standard 40 GB of data
Language support for user interface	• English • French • German • Italian • Spanish • other languages available by request	• English • French • German • Italian • Spanish • other languages available by request
Power Requirements	85-264 VAC 47-63 HZ 140 watts maximum, with all options	85-264 VAC 47-63 HZ 140 watts maximum, with all options
Dimensions	8.0H x 11.5L x 13.5D in. (20.3 x 29.2 x 34.3 cm)	8.0H x 11.5L x 13.5D in. (20.3 x 29.2 x 34.3 cm)
Weight	16.0 lb (7.3 kg)	16.0 lb (7.3 kg)
Operating Temperature Range	32°F to 113°F (0°C to 45°)	32°F to 113°F (0°C to 45°)
Storage Temperature Range	‑40°F to 185°F (‑40°C to 85°C)	‑40°F to 185°F (‑40°C to 85°C)
Humidity	90% relative humidity, noncondensing	90% relative humidity, noncondensing
Hardware Options	• Keyboard Control • Remote RFT Amp	• Keyboard Control • Remote RFT Amp
Software Options	• Velocity/DM	• EddynetSuite Analysis • ET Analysis for *Windows®* • Velocity/DM
Probe Options	• MIZ-28 Lite supports up to 4 coil pairs • Configurations: Bobbin, MRPC, Array (limited to probes not requiring external multiplexing box, e.g., X-Probe), RFT, Handheld, AC-3, and non-Zetec probes with appropriate adapter	• MIZ-28 supports up to 8 coil pairs • Configurations: Bobbin, MRPC, Array (limited to probes not requiring external multiplexing box, e.g., X-Probe), RFT, Handheld, AC-3, and non-Zetec probes with appropriate adapter
Frequency Range	5 Hz to 10 MHz	5 Hz to 10 MHz
Drive Voltage	0-20 Vpp-Combined frequencies in SI mode 0-20 Vpp in Multiplexed mode	0-20 Vpp-Combined frequencies in SI mode 0-20 Vpp in Multiplexed mode
Instrument Control	Front panel & keyboard	Front panel & keyboard
Display	Color 640 x 480 pixel (8.4") active matrix display ‑Flat panel display offers the same resolution as computer monitor	Color 640 x 480 pixel (8.4") active matrix display ‑Flat panel display offers the same resolution as computer monitor
Data Display	• 4 XY data display areas • 2 vertical data strip charts • C-scan data display • User interface language support in English, French, Italian, German, Spanish, others available by request	• 4 XY data display areas • 2 vertical data strip charts • C-scan data display • User interface language support in English, French, Italian, German, Spanish, others available by request
Signal Processing	• Low-Pass • Differential Filter adjustable from 2 to 40 points • Low-Pass and Differential filter Combined	• Low-Pass • Differential Filter adjustable from 2 to 40 points • Low-Pass and Differential filter Combined

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Sample Rate	• **SI mode:** Operator-adjustable up to 1,000 samples/second at 4 frequencies • **Multiplexed mode:** Operator-adjustable up to 1,000 samples/second at 1 frequency; 1,000 samples/second at 4 frequencies	• **SI mode:** Operator- adjustable up to 5,600 samples/second at 4 frequencies • **Multiplexed mode:** Operator-adjustable up to 5,600 samples/second at 1 frequency; 3,900 samples/second at 4 frequencies
Alarms	1 Adjustable Alarm for 4 channels	1 Adjustable Alarm for 4 channels
Memory	• 80 MB RAM • Non-Volatile SRAM memory for storage of instrument settings	• 80 MB RAM • Non-Volatile SRAM memory for storage of instrument settings
Data Storage	• 40 GB Internal Hard Drive • USB key • Ethernet 10/100 Base T for network interface	• 40 GB Internal Hard Drive • USB key • Ethernet 10/100 Base T for network interface
Configuration Storage	User configured test setups are saved and recalled from internal hard drive. Active test configuration is stored to nonvolatile SRAM.	User configured test set-ups are saved and recalled from internal hard drive. Active test configuration is stored to nonvolatile SRAM.
Inputs/Outputs	• VGA • RS-232 • USB (2) for printer, keyboard, mass storage device • Ethernet 10/100 Base T for network interface	• VGA • RS-232 • USB (2) for printer, keyboard, mass storage device • Ethernet 10/100 Base T for network interface
Printer Interface	via USB port	via USB port
Firmware Upgrade	via USB key	via USB key
Network Support	**10/100BaseT** Network interface connection for private or Internet (WWW) networks	**10/100BaseT** Network interface connection for private or Internet (WWW) networks
Data Recording	• 40 GB Internal hard drive	• Spool to USB Flash Drive, Magneto Optical Disk, Jaz Drive, Zip Drive • 40 GB Internal hard drive