

ITEMS	DESCRIPTION
MICT System Specification	
Dimension	L 33 cm × W 25 cm × H 23 cm
Weight	3.3 kg
Operating Temperature	5 – 35 °C
Operating Humidity	20% – 85% relative humidity, non-condensing
Storage Temperature	0 – 50 °C
Storage Humidity	0% – 85% relative humidity, non-condensing
Detection Label	Paramagnetic Particles
Linear Range of Analysis	> 3 orders of magnitude within 2% of linearity
Detection Range	5 – 15,000 MAR
Accuracy	< ± 6% at operating temperature of 21 °C
Instrument Noise	CV = 2.5% or less Measured as a standard deviation of 0.5 MAR or less of a population of 20 or more single scan measurements with an average of 25 - 28 MAR at an operating temperature of 21 °C
Electrical Specification	
Power Supply	AC 100 – 240 V input at 50 – 60 Hz
Power Consumption	< 20 Watt
CPU	Hitachi H8
Display	LCD monochrome dot matrix displaying multiple languages
Input	Keypad and touch panel
Printer	Internal thermal printer
Status Indicator	LEDs
Sensor	MDM
Data Storage	500 records, maximum
Cooling Fan	Dimensions 50 × 50 × 10 mm, Rated Speed: 4300 RMP ± 20%
Interface	
Parallel Port	25 pins D sub
Serial Port	9 pins D sub and 6 pins Mini Din.
Others	
Electromagnetic Compatibility	EN 61326
Safety Certification	EN 61010-1