

ARC-MET8000

Main unit

Industrial PC board
Pentium Class CPU
TFT color display, 800 x 600
Hard drive
Peripheral interfaces: USB 1.1 (four ports), mouse, keyboard, LAN, connector for external trigger
Software: Windows XP
Embedded operating system
Menu driven user software
Versatile calibration and measurement program

Power supply:
230/115 VAC 50/60 Hz
DC ARC 1-5 A excitation
Pulsed DC ARC excitation

Battery operation for typically 4-5 hours
Power consumption: 90 W during standby, 250 W during DC Arc, 500 W during Spark
Protection rating: IP54/NEMA 3
Operation range: 0-50°C

Probe

Flat field holographic grating
Full spectrum recording
Wavelength range: 185-410 nm,
SP option: Wavelength range from 175-410 nm
8192 element PDA/CCD

Display: LCD 128 x 64 pixels
Keyboard: menu driven software
Changeable argon and air nose (option)
Adapters for irregular surfaces

Cable between the probe and the main unit
- 3 meters, option 10 meters

Dimensions and weights:
Main unit: 210x560x310 mm, 16 kg
Probe: 280x310x85 mm, 2.5 kg
Argon nose: 0.36 kg
Air nose: 0.28 kg

Optional accessories:
Internal printer, Cart, Battery operation set
Shipping case
Bench-top stand with foot switch

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