

شرح فنی دستگاه کوانتومتر پروتابل PMI-MASTER PRO Spark Emission Spectrometer مدل
:ARL easySpark

الف) مشخصات فنی دستگاه:

PMI-MASTER PRO Typical Applications
Fe alloy
L grade segregation in Stainless-steel
P. and S. analysis in Stainless-steel
Al alloy ~ Al-Si ~ Al-Si-Cu.
Cu-Mg ~ Cu-Zn ~ Cu-Ni.
Mg, Cu, Ti, Zn, alloys....
Optical System
Multi CCD optical-system Resolution CCD 6 Pico-meter Reciprocal 0,9 nm/mm dispersion (1st order) Focal length 350 mm Wavelength 185 – 420 nm Excitation unit Digital semiconductor technology Arc excitation Max 3 Amp Spark excitation Max 400 V / 300 Hz / 6 µF Probe Arc/Spark WAS Jet-Stream Technology HPC fibre-optic cable. Tube length 4 m (13'3") Probe Weight 800 g (1.8 lbs).
Probe (optional): Arc / spark / combi / UVTouch
Multifunctional arc / spark / combi adapter head with LEDs for pass / fail sorting
Weight arc / spark / combi: 1 kg - 1 kg - 1.5 kg
Cable length: 4 m / 8 m
UVTouch: Low C, P, S, SN, As, B in steel, N in duplex steel - up to 10 m cable length, 2 kg weight
Software & User Interface:
Internal computer unit, Microsoft® Windows®, touch screen user interface
Battery
Spark measurements: Up to 800 (with battery cart)
Arc measurements: Up to 500 (with battery cart)
Options:
- Arc probe
- Spark probe
- Combi probe
- UVTouch probe
- Adapters

- Spare parts kit
- Consumables kit
- Printer
- Sample preparation devices
- Uninterruptable power supply
- Keyboard, mouse
- Transportation unit
Height / width / depth: 360 mm - 575 mm - 370 mm
Weight / battery / cart: 25 kg - 13 kg - 80 kg
Power / operating / standby: 24 V DC - 500 W - 40 W