

DIAMOND

Fiber Optic Equipments

TEST & MEASUREMENT EQUIPMENTS

DESCRIPTION

The 1KMS is an extremely flexible, highly precise, and fast 1000 channel programmable optical component measurement system. This automated system is ideally suited for testing applications, which require a high volume of test measurements throughout the various testing cycles. Examples include long-term thermal, humidity, and reliability testing (Telcordia).

FEATURES

- ▶ Measurement cycle <1 sec
- ▶ 1000 channels capacity
- ▶ Available with the following connector interfaces: E-2000™, F-3000™, SC, FC, MFS-8, MFS-12, etc.
- ▶ Easy access to patch panels
- ▶ Suited for any kind of DUT with N input and M output.
- ▶ Insertion Loss: < 2 dB
- ▶ measurement repeatability: < ±0.002 dB
- ▶ Easy to use LabVIEW™ graphic user interface
- ▶ Parallel testing capabilities

TECHNICAL DATA

- ▶ Power supply: 110/240 VAC 50/60 Hz auto-sensing, 9.5 A, 2200 W
- ▶ Measurement Station: dimensions and weight:
 - Entrance stage (w x h x d):
700 x 2000 x 800 mm (27.5 x 78.7 x 31.4 inches) 60 Kg (125.6 lbs)
 - Exit stage (w x h x d):
700 x 2000 x 700 mm (27.5 x 78.7 x 27.5 inches) 60 Kg (125.6 lbs)
- ▶ Control device: dimensions (w x h x d) and weight:
700 x 1200 x 700 mm (27.5 x 47.2 x 27.5 inches), 20 Kg (41.8 lbs)
- ▶ Operating temperature: 10 - 40 °C
- ▶ Relative humidity: 5 - 60 %.

NOTE Please contact your local Diamond representative for additional information

1KMS

(1000 Channels Measurement Station)



Entrance stage



Exit stage



Control device



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*Specifications subject to change
without notice*

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