

Cable Tester NEW

CT-1860 (Cable Tester)

PM-1860-H1 (HDMI Response Module)

By connecting the high speed transmission cable in a loop, CT-1860 checks the transmission characteristics at the physical layer easily.

By using HDMI Response Module, pass / fail judgment is done by comparing with the master cable or by the standard value set by the user. This product is useful for the development and production lines of HDMI cables.

The frequency characteristics are displayed on the front screen of the CT-1860, and PC application can be used as well.



Features

CT-1860 Cable Tester

- Supports various cable measurements by replacing the performance module. (new module plan: latency measurement, eye-diagram monitor, and frequency response measurement of USB-C, DisplayPort and LAN.)
- Operation by using front buttons and LCD. Graphical display of frequency characteristics. Save measurement results.
- Operation by PC application (SP-1860) by LAN.
- Display measuring result of S parameter (S21) of 4-terminal network.

PM-1860-H1 HDMI Response Module

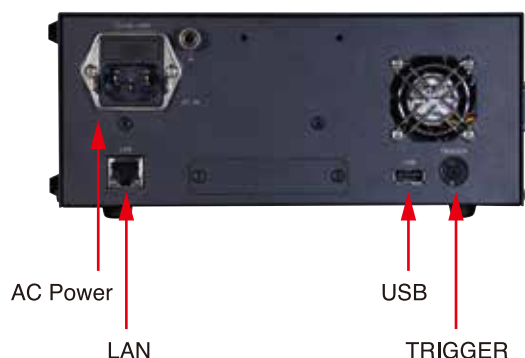
- Evaluation of transmission characteristics for each TMDs line. (AOC, Metal)
- Output amplitude can be changed by user.
- Broad bandwidth measurement of 100MHz-15GHz. (HDMI 2.1 FRL 48Gbps can be tested.)
- Wiring check and voltage display of control lines (DDC/HPD/CEC).
- Measurement of voltage and current consumption value of +5V line.
- CABLE ID check of AOC.
- Optional Calibration Cable (CA-1860-HDMI)

CT-1860 Cable Tester

Front



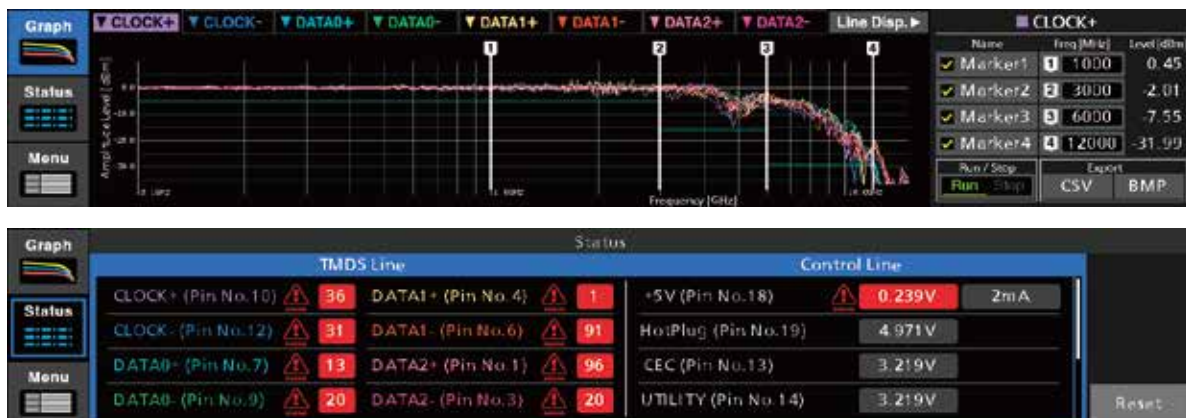
Rear



CT-1860 does not work alone. (It needs performance module.)

CT-1860 Front Display (HDMI Response module mounted)

You can switch the screen to check the settings, frequency characteristics, TMD5 line, and control lines.



PC Application (HDMI Response module mounted)

You can check the frequency characteristics, TMD5 line, and control lines on one screen.



When measuring the master cable

When measuring test cable

General Specifications

CT-1860 (Cable Tester)

Power Requirements	AC 100V-240V (50/60Hz)
Power Consumption	47W MAX
Dimensions	210 (W) × 88 (H) × 235 (D) mm (Excluding Protrusions)
Weight	Approx. 2.1kg (without PM-1860-H1)
External Control	LAN, TRIGGER

PM-1860-H1 (HDMI Response Module)

Power Requirements	DC +12V (dedicated DC adapter)
Power Consumption	18W MAX
Dimensions	132.8 (W) × 35mm (H) × 132.8 (D) mm (Excluding Protrusions)
Weight	Approx. 0.5kg
External Control	USB (available when PM-1860-H1 is used alone.)

Common

Operating Temperature Range	+5 to 40°C
Operating Humidity Range	20 to 80%RH (No Condensation)