



HD1 Display

Professional-series handheld display with 3.5-inch TFT LCD

HD1 Handheld Display

The HD1 series display is a durable, lightweight, ergonomic display for use with FBP series probes. It features a 3.5 in thin film transistor (TFT) active matrix liquid crystal display (LCD) screen that produces a bright, clear, high-contrast image of the fiber end face. It can be powered by 100–240 V AC or a rechargeable Li-ion battery (the Li-ion battery must be in the display for the unit to operate).

The HD1 display features contrast adjustment, an auto-shutoff function (to preserve battery life), and a hanging accessory for hands-free operation. It fits and operates comfortably in the user's hand for easy use.

Note: All JDSU HD-series analog displays are equipped with a 4-pin probe input. A separate converter (FBPP-DPAC1) is required for use with 6-pin probes.



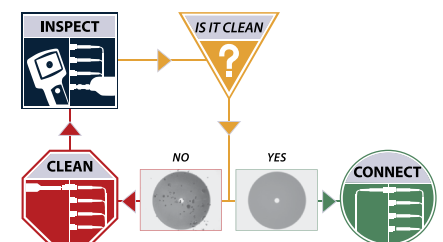
Key Features

- High-resolution 3.5-inch TFT LCD display that can detect 1 μm particles and fine scratches
- Ruggedized, durable enclosure for use in any environment
- Contrast controls, auto-shutoff setting, battery status LED indicator, and hanging accessory
- Over 2 hours run time in continuous on mode
- AC adapter (100–240 V AC) charges Li-ion battery and also acts as alternate power supply

Applications

- View clear detailed fiber end face images on 3.5 in video display
- Use with JDSU probe microscope to inspect both bulkhead (female) and patch cord (male) sides of fiber interconnect
- Promote proper fiber handling workflow and practice

Inspect Before You Connect™



Contamination is the number one reason for troubleshooting optical networks. Proactive inspection and cleaning of fiber connectors can prevent poor signal performance, equipment damage, and network downtime.

Components and Functions



Specifications

Parameter	Specification
Dimensions	9.7 x 21.8 x 4.8 cm (3.8 x 8.6 x 1.9 in)
Weight	400 g (14.1 oz)
Video Display	NTSC with dedicated connector for probe or conversion cable
Connector	4-pin Hirose™ input for FBP probes
Power source	Li-ion battery (Sony® type NP-F550/F570) or AC adapter/charger (100 – 240 V AC)
Run time	~2 hours (continuous on)

Ordering Information

Description	Part Number
Handheld video display with 3.5 in TFT LCD; Li-ion battery; 110V power supply	FBP-HD1
Replacement Li-ion battery	FBPP-HDB2
Kit: dual-magnification (200/400X) FBP probe microscope hardwired to HD1 display with 3.5 in TFT LCD; interchangeable FBPT inspection tips (4) in hard case: SC and LC bulkhead tips; universal 2.5 mm and 1.25 mm patch cord tips; hard-sided carrying case	FBP-S003
Kit: high-magnification (400X) FBP probe microscope hardwired to HD1 display with 3.5 in TFT LCD; interchangeable FBPT inspection tips (4) in hard case: SC and LC bulkhead tips; universal 2.5 mm and 1.25 mm patch cord tips; hard-sided carrying case	FBP-S002
Kit: low-magnification (200X) FBP probe microscope hardwired to HD1 display with 3.5 in TFT LCD; interchangeable FBPT inspection tips (4) in hard case: SC and LC bulkhead tips; universal 2.5 mm and 1.25 mm patch cord tips; hard-sided carrying case	FBP-S001



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