

# HD3 Display

## Small Form-factor Display with 1.8-inch TFT LCD



HD3 Handheld Display with 1.8-in LCD

### Key Features

- High-resolution 1.8-inch TFT LCD display that can detect 1  $\mu\text{m}$  or smaller scratches and dirt particles
- Ruggedized enclosure for use in any environment
- GripSwitch™ mode activates the display when held in-hand and deactivates when released, extending battery life
- Built-in rechargeable NiMH battery pack
- Over 3-hour run time on continuous-ON mode and extended run time in GripSwitch mode
- Low-battery warning LED (illuminates when battery life is < 30 minutes)
- AC adapter (100–240 VAC/12 VDC) charges NiMH battery and also acts as alternate power supply

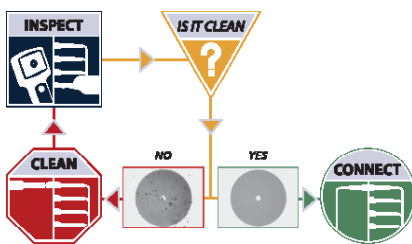
### Applications

- View clear detailed fiber end face images on 1.8-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

### HD3 Handheld Display

The HD3 display combines performance and value in a small, durable device that fits comfortably in the user’s hand. Used with JDSU fiber inspection probe microscopes, the HD3 provides a highly portable, efficient display for viewing and inspecting fiber connector end faces. With its durable design and rugged enclosure, the HD3 ensures excellent performance during field applications. It features a 1.8-inch thin film transistor (TFT) liquid crystal display (LCD) incorporated into a durable, rugged enclosure, and powered with a rechargeable NiMH battery. An innovative GripSwitch conserves battery life with instant-ON functionality when holding the unit in-hand, and it deactivates, or powers OFF when set down. It is equipped with a continuous-ON feature for hands-free operation.

### Inspect Before You Connect<sup>SM</sup>



**Contamination is the number 1 reason for troubleshooting optical networks.**

Proactive inspection and cleaning of fiber connectors can prevent poor signal performance, equipment damage, and network downtime.

*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.*



**HD3 Display Specifications**

Dimensions	10 x 7.2 x 4.3 cm (3.9 x 2.8 x 1.7 in)
Weight	230 g (8.1 oz) with probe
Videodisplay	1.8-in (45.7 mm) TFT LCD
Connector	4-pin Hirose™ for FBP probes; hardwired to FBP or FBE probes
Powersource	Built-in rechargeable NiMH (nickel metal hydride), 800mAH battery or AC adapter (100–200VAC/12VDC)
Powermodes	ON (continuous on) GripSwitch (powersaving mode) OFF/CHARGE
Run time	~3 hours (continuous on) Extended run time with use of GripSwitch (power saving mode)

*Hirose is a trademark of Hirose Electronic Corporation.*



**HD3-P Display**

**Improve Workflow with Integrated Patch Cord Microscope (PCM)**



2-microscope System for Quick and Easy Inspection of Both Patch Cord and Bulkhead

**Ordering Information**

FBP-HD3	Handheld video display with 1.8-in TFT LCD
FBP-HD3-P	Handheld video display with 1.8-in TFT LCD with integrated 400X patch cord microscope
FBP-SM03	Kit: Dual-magnification (200/400X) FBP probe microscope hardwired to HD3 display with 1.8-in TFT LCD; interchangeable FBPT inspection tips (4) in hard case: SC and LC bulkhead tips, Universal 2.5 and 1.25 mm patch cord tips; soft-sided carrying case
FBP-SM02	Kit: High-magnification (400X) FBP probe microscope hardwired to HD3 display with 1.8-in TFT LCD; interchangeable FBPT inspection tips (4) in hard case: SC and LC bulkhead tips, Universal 2.5 and 1.25 mm patch cord tips; soft-sided carrying case
FBP-SM01	Kit: Low-magnification (200X) FBP probe microscope hardwired to HD3 display with 1.8-in TFT LCD; interchangeable FBPT inspection tips (4) in hard case: SC and LC bulkhead tips, Universal 2.5 and 1.25 mm patch cord tips; soft-sided carrying case
FBE-SM2	Kit: High-magnification (400X) FBE probe microscope hardwired to HD3 display with 1.8-in TFT LCD; interchangeable FBET inspection tips (4) in hard case: SC and LC bulkhead tips, Universal 2.5 and 1.25 mm patch cord tips; soft-sided carrying case
FBE-SM1	Kit: Low-magnification (200X) FBE probe microscope hardwired to HD3 display with 1.8-in TFT LCD; interchangeable FBET inspection tips (4) in hard case: SC and LC bulkhead tips, Universal 2.5 and 1.25 mm patch cord tips; soft-sided carrying case

**Test & Measurement Regional Sales**

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