

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *VIAVI Solutions / JDSU / Westover HD2-PV* at our website: ***Click HERE***

HD2 Display

Rugged, Versatile Handheld Display with 3.5-inch TFT LCD



HD2-P4-V Handheld Display with 3.5-in LCD

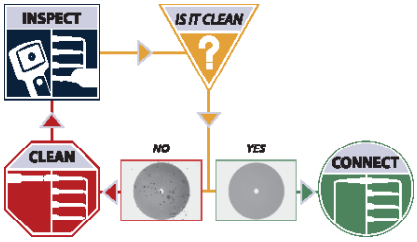
Key Features

- **High-resolution 3.5-inch TFT LCD display that can detect 1 µm particles and scratches**
- **Ruggedized, durable enclosure for use in any environment**
- **GripSwitch™ mode activates the display when held in-hand and deactivates it when released, extending battery life**
- **~8-hour run time using continuous-ON mode and extended run time in GripSwitch mode**
- **Low-battery warning LED**
- **Uses eight AA batteries or AC adapter (100–240 VAC/12 VDC) as alternate power supply**
- **Available hardwired to FBP or FBE probe or connectorized to FBP probe**

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 1 reason for troubleshooting optical networks. Proactive inspection and cleaning of fiber connectors can prevent poor signal performance, equipment damage, and network downtime.

HD2 Handheld Display

The HD2 display combines performance and versatility in a durable device that fits comfortably in the user's hand. Used for field inspection of optical fiber, the HD2 incorporates a variety of features that enable portability and efficiency. All models include a 3.5-inch thin film transistor (TFT) liquid crystal display (LCD) and an innovative GripSwitch that conserves battery life with instant-ON functionality when holding the unit in-hand, and powers OFF when set down. It is equipped with a continuous-ON feature for hands-free operation. With its durable design and rugged enclosure, the HD2 ensures excellent performance during field applications.

Additional features available in certain models include an integrated patch cord microscope (PCM) to inspect male connectors, and a visual fault locator (VFL) to locate damaged or broken optical fibers.

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.*



Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



HD2-P4-V Display
with Integrated Patch Cord Microscope (PCM) and Visual Fault Locator (VFL)

Benefits of the Integrated PCM

- Lets users quickly and easily inspect both sides of the fiber interconnect
- Reduces inspection time by more than 50 percent
- Inspects bulkhead with probe microscope and patch cord with PCM
- Eliminates changing inspection tips on the probe to inspect patch cord side
- Prevents misplaced and mishandled inspection tips
- Prevents mis-routing by inspecting one port/channel at a time
- Protects *male* (patch cord) ends from contamination by *parking* it in the patch cord module
- A complete selection of adapters for every application and connector

Components and Functions

(FBP-HD2-P4-V shown)



Visual Fault Locator Controls

Visual Fault Locator Input

Patch Cord Microscope (PCM) Input
(Dedicated patch cord inspection)

A/B Switch
(Toggles between patch cord [PCM] and bulkhead [probe] fiber views)

Focus Control for PCM

3.5-in TFT LCD Screen

GripSwitch
(Power save feature/mode)

Power and Low Battery LEDs

Brightness Control



4-pin FBP Probe Input

AC Power Input

Power Mode Selector

- **ON Mode**
  (*For continuous ON*)
- **GripSwitch Mode**
  (*Designed to save battery life*)
- **OFF Mode**
  (*Turn power OFF*)

Table Stand



HD2-P4-V Display
with Integrated PCM and VFL

Benefits of the Integrated VFL

- Quickly and easily locate sharp bends, breaks, and damages in fiber cabling
- Reduces the number of tools and accessories you have to carry and manage
- Conduct end-to-end continuity tests
- Perform fiber tracing and identification

VFL Specifications

Laser type	630 nm laser diode, Class 2
Fiber	Single-mode (>7 km) or Multimode (>5 km)
Output	<1.3 mW
Safety	CSA C22.2 No. 1010.0: 1992, EN 61010-1; Laser safety label on VFL

HD2 Display Configurations

Product Image	JDSU Part No.
	**FBP-HD2** Display with 3.5-inch TFT LCD
	**FBP-HD2-V** Display with 3.5-inch TFT LCD and integrated Visual Fault Locator (VFL)
	**FBP-HD2-P2** (200X) / **FBP-HD2-P4** (400X) Display with 3.5-inch TFT LCD and LOW (200X) or HIGH (400X) magnification Patch Cord Microscope (PCM)
	**FBP-HD2-P2-V** (200X) / **FBP-HD2-P4-V** (400X) Display with 3.5-inch TFT LCD, LOW (200X) or HIGH (400X) magnification PCM and VFL

HD2 Display Specifications

Dimensions	FBP-HD2 and FBP-HD2-V: 15.0 x 14.0 x 6.0 cm (5.9 x 5.5 x 2.4 in) FBP-HD2-P* and FBP-HD2-P*-V: 18.5x15.0x6.0cm(7.3x5.9x2.4in)
Weight (with 8 x AA batteries)	FBP-HD2: 422 g (14.9 oz) FBP-HD2-V: 620 g (21.9 oz) FBP-HD2-P*: 565 g (19.9 oz) FBP-HD2-P*-V: 760 g (26.8 oz)
Video display	3.5-in (88.9 mm) TFT LCD
Connector	4-pin Hirose™ for FBP probes; hardwired to FBP or FBE probes
Power source	8 x AA standard alkaline batteries or AC adapter (100–240VAC/12VDC)
Power modes	ON (continuous on) GripSwitch (power saving mode) OFF
Run time	~8 hours (continuous on) Extended run time with use of GripSwitch (power saving mode)
Warranty	1 yr

Hirose is a trademark of Hirose Electronic Corporation.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Ordering Information

FBP-HD2	Handheld video display with 3.5-in TFT LCD
FBP-HD2-EU	Handheld video display with 3.5-in TFT LCD; EU plug
FBP-HD2-V	Handheld video display with 3.5-in TFT LCD; integrated visual fault locator
FBP-HD2-V-EU	Handheld video display with 3.5-in TFT LCD; integrated visual fault locator, EU plug
FBP-HD2-P2	Handheld video display with 3.5-in TFT LCD; integrated patch cord microscope (200X)
FBP-HD2-P2-V	Handheld video display with 3.5-in TFT LCD; integrated patch cord microscope (200X); integrated visual fault locator
FBP-HD2-P2-EU	Handheld video display with 3.5-in TFT LCD; integrated patch cord microscope (200X); EU plug
FBP-HD2-P2V-EU	Handheld video display with 3.5-in TFT LCD; integrated patch cord microscope (200X); integrated visual fault locator; EU plug
FBP-HD2-P4	Handheld video display with 3.5-in TFT LCD; integrated patch cord microscope (400X)
FBP-HD2-P4-V	Handheld video display with 3.5-in TFT LCD; integrated patch cord microscope (400X); integrated visual fault locator
FBP-HD2-P4-EU	Handheld video display with 3.5-in TFT LCD; integrated patch cord microscope (400X); EU plug
FBP-HD2-P4V-EU	Handheld video display with 3.5-in TFT LCD; integrated patch cord microscope (400X); integrated visual fault locator; EU plug
FBP-SE03	Kit: Dual-magnification (200/400X) FBP probe microscope hardwired to HD2 display with 3.5-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; hard-sided carrying case
FBP-SE02	Kit: High-magnification (400X) FBP probe microscope hardwired to HD2 display with 3.5-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; hard-sided carrying case
FBP-SE01	Kit: Low-magnification (200X) FBP probe microscope hardwired to HD2 display with 3.5-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; hard-sided carrying case
FBE-S02	Kit: High-magnification (400X) FBE probe microscope hardwired to HD2 display with 3.5-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; hard-sided carrying case
FBE-S01	Kit: Low-magnification (200X) FBE probe microscope hardwired to HD2 display with 3.5-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; hard-sided carrying case

Test & Measurement Regional Sales

NORTH AMERICA
TOLL FREE: 1 866 228 3762
FAX: +1 301 353 9216

LATIN AMERICA
TEL: +1 954 688 5660
FAX: +1 954 345 4668

ASIA PACIFIC
TEL: +852 2892 0990
FAX: +852 2892 0770

EMEA
TEL: +49 7121 86 2222
FAX: +49 7121 86 1222

www.jdsu.com/inspect

Product specifications and descriptions in this document subject to change without notice. © 2012 JDS Uniphase Corporation

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP