

## Smart Optical Handhelds

### Highlights

The Smart optical handhelds go beyond the basics by setting industry standards. They offer several industry first features including:

- An auto-zeroing function for power meters
- A USB interface for remote operation and report generation
- A unique power supply management system offering time savings, cost savings, and versatility.



JDSU OLS-55, OLP-55, and OLA-55 Smart Optical Handhelds

JDSU continues to set industry standards with Smart, future-proof optical handheld instruments ready for the industry's newest applications, including FTTx/PON, DWDM, CWDM, 40 Gbps, Ethernet, and Gigabit Ethernet.

### Auto-zeroing function

The OLP-55 Smart Optical Power Meter features an industry first auto-zeroing (patent pending) function for auto dark current compensation. The auto-zeroing function offers much easier handling and higher accuracy than standard manual zeroing .

### USB interface

All Smart optical handhelds feature an industry first USB interface allowing for remote control as well as easy report generation and analysis.

### Calibration cost savings

All Smart optical handhelds feature an industry first opportunity in substantial calibration cost savings. Although a three-year calibration interval is recommended, under normal operating conditions, no recalibration is necessary.

### Unique power supply management system

All Smart optical handhelds feature an industry first Smart Energy unique power supply management system. This system uses either standard dry or rechargeable batteries. It offers both fast charging times and the longest battery lifetime available in its class. The Smart optical handhelds can also be charged using any 12 V power source, including a vehicle's cigarette lighter.

Anticipating the requirements of the optical handheld market of both today and tomorrow, JDSU introduces a new line of Smart, future-proof optical handheld instruments. JDSU's new Smart product line includes power meters, optical attenuators, laser sources, loss test sets, and return loss meters. These Smart optical handhelds offer the industry's best specifications on the market in terms of accuracy, ease-of-use, and durability.

The Smart optical handhelds are a powerful, low-cost solution for FTTx/PON, DWDM, CWDM, 40 Gbps, Ethernet, and Gigabit Ethernet applications (both multimode and singlemode). Additionally, they offer low operating costs due to an extremely long battery life and minimal calibration costs.

### In a class by themselves

In addition to the industry setting standards already mentioned, the Smart optical handhelds offer a variety of features that set this class of instruments high above the competition. These additional features include:

- A universal optical adapter system for flexible adaptation to the different optical connectors in the field.
- The industry's most rugged design for optimal operation.
- The SmartStar graphical user interface for fast, easy, straightforward operation.
- The SmartBelt neck strap for the use of both hands in the field.
- Traceable measurements to international standards for confidence in accuracy.
- An auto-lambda function for automatic wavelength detection.
- TWINtest and TRIPLEtest for a significant decrease in testing time.

### Power in numbers

With more than 70,000 JDSU optical handhelds already in use, JDSU's Smart optical handhelds are designed with 20 years of experience to provide you with future-proof instruments to help your network graduate to the next level of performance.

