



## **GN-6025 Series**

### **Power Meters**

### **Light Sources**

### **Loss Test Sets**

#### **Fast, rugged and easy-to-use.**

Intelligent, flexible and accurate, the NetTest GN-6025 Series features Optical Power Meters, Light Sources and Loss Test Sets that simultaneously test and store dual-wavelength attenuation measurements. By alternating between wavelengths, the synchronized meter and source constantly update displayed data — slashing test time in half and preventing costly documentation errors from mismatched source and meter wavelength readings. Best of all, dual-wavelength measurements are stored with the touch of a button and the next fiber is automatically measured.

#### **Perfect for all fiber optic testing environments.**

Users can rely on our handheld Loss Test Sets during every phase of network installation, system qualification, troubleshooting, restoration and maintenance. The combination of practical features, ease-of-use, field performance and rugged design makes them the perfect choice for all fiber optic testing environments — from multimode LAN/premise to single-mode telephony and CATV. A pair of Loss Test Sets are ideal for the bi-directional attenuation measurements widely required in cable system acceptance tests. A single Loss Test Set is indispensable for on-the-reel, loopback, cable assembly and component testing where both fiber ends are accessible.

#### **Features**

- Auto wavelength switching
- LP View Windows®-based PC software
- 3 way power
- 2 kHz tone generation and detection
- CMA 4000 OTDR compatible
- MT-RJ connectors option available



**NETTEST**

*(formerly GN Nettest)*

## The best testing solution for your money.

Featuring a simple keypad and backlit display with adjustable contrast, the GN-6025 Loss Test Sets and Power Meters are designed with the needs of end users in mind. Extensively field-tested, they provided fast, accurate point-to-point measurements. In fact, dual-wavelength measurements can be taken, stored and their fiber counts incremented with the touch of a single button. The GN-6025 Loss Test Sets and Power Meters provide data storage of up to 900 dual-wavelength fiber measurements, greatly reducing the amount of time spent on paperwork in the field. Users have the option of either 0.1 dB or .01 dB resolution. Quick and convenient, all loss test sets and power meters come complete with Windows®-based software to upload results onto a host PC.



### Light Source Specifications

Model	GN-6150	GN-6250	GN-6260	GN-8513-XX	GN-1315-XXX	GN-1516-XXX
Fiber Type	MM	SM	SM	MM	SM	SM
Emitter Type	L.E.D.	Laser	Laser	LED	Laser	Laser
Wavelength Center <sup>1</sup>	850/1300 nm	1310/1550 nm	1550/1625 nm	850/1300 nm	1310/1550 nm	1550/1625 nm
Output Power <sup>2</sup>	≥18 dBm (62.5/125 μm fiber)	-8 dBm	-8/-5 dBm	-18 dBm min. (62.5/125 μm fiber)	-8 dBm (SMF 28)	-8 dBm (SMF 28)
Modulation	CW or 2 kHz	CW or 2 kHz	CW or 2 kHz	CW, 1kHz, 2kHz	CW, 1 kHz, 2 kHz	CW, 1 kHz, 2 kHz
Wavelength Width <sup>3</sup>	≤50 nm, ≤125 nm FWHM	≤5 nm RMS	≤5nm RMS	≤ 150 nm ≤ 50 nm FWHM	≤ 5 nm FWHM	≤ 5 nm FWHM
Stability (8 hours) <sup>3,4</sup>	±0.05 dB	±0.05 dB	±0.05 dB	±0.1 dB	±0.1 dB	±0.1 dB
Auto Test Range <sup>3</sup>	+3 to -55 dBm @ 850/1300; +3 to -65 dBm @ 1310/1550/1625, +3 to -45 dBm SM CATV					

### Power Meter Specifications

Model	GN-6025*	GN-6025C
Fiber Type	MM/SM	MM/SM
Wavelength Range	800 to 1700 nm	800 to 1700 nm
Detector	InGaAs	InGaAs
Calibrated Wavelength	850, 1300, 1310, 1550, 1625 nm	850, 1300, 1310, 1550, 1625 nm
Range	+3 to -70 dBm	+20 to -60 dBm
Accuracy <sup>2,5</sup>	±0.2 dB	±0.2 dB
Linearity <sup>3</sup>	±0.1 dB, 0 to -65 dBm (1300-1625 nm)	±0.1 dB, 0 to -55 dBm (1300-1625 nm)
Resolution	0.01 dB/0.01 dB selectable	0.01 dB/0.1 dB selectable

### General Specifications

Model	GN-6025	GN-8513, GN-1315, GN-1516
Operating Temp.	0 to 50° C	-10 to 50° C
Storage Temp.	-40 to 60° C	-40 to 60° C
Power Supply	AC/NiCd/Battery	AC/NiCd/Battery
Dimensions	150 X 85 X 40 mm (5.9 X 3.4 X 1.5 inches)	150 X 85 X 40 mm (5.9 X 3.4 X 1.5 inches)
Weight	<0.5 Kg (<1.1 lbs)	<0.5 Kg (<1.1 lbs)

<sup>1</sup> ±20 nm

<sup>2</sup> MT-RJ Output Power ≥ -20 dBm  
(62.5 μm fiber) with ±0.2dB

<sup>3</sup> Typical Specs @ 23° C

<sup>4</sup> With a 10 min. warm up

<sup>5</sup> 23°C, 1310, -20 dBm

XX = FC, SC, ST Connector

XXX = UFC, USC, UST AFC, ASC  
Connector

### Ordering Information

Part Number	Description
GN-6025-XX	Power Meter; LP View, LP-6232 cable, (1) connector adapter, AC charger and manual.
GN-6025C-XX	CATV version of GN-6025
GN-6150-XX	Multimode 850/1300 nm source, AC charger & manual.
GN-6250-XX	Singlemode 1310/1550 nm source; AC charger & manual.
GN-6260-XX	Singlemode 1550/1625 nm source; AC charger & manual.
GN-6025/A50-XX	1310/1550 nm loss test set; LP View, LP-6232 cable, (1) connector adapter, AC charger and manual.
GN-6025	1550/1625 nm loss test set; LP View, LP-6232 cable, (1) connector adapter, AC charger and manual.
LP-6025C/A50-XX	CATV version of GN-6025/A50.
LP-6025/M50-XX	850/1300 nm loss test set; includes LP View, LP-6232 cable, (1) connector adapter, AC charger & manual.
GN-8513-XX	850/1300 nm LED, with auto wavelength switching
GN-1315-XXX	1310/1550 nm laser light source with auto wavelength switching
GN-1516-XXX	1550/1625 nm laser light source with auto wavelength switching



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(formerly GN Nettest)