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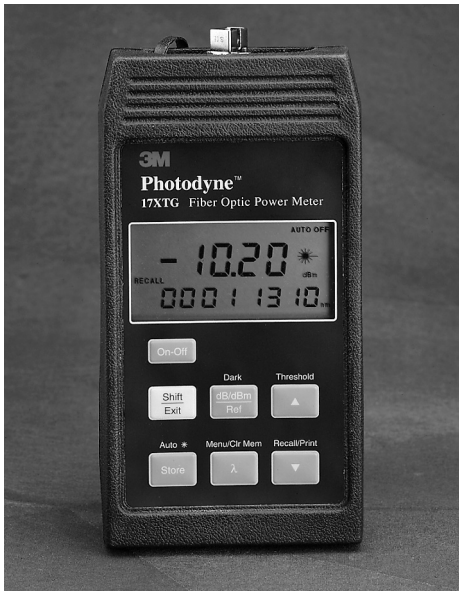
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Find the *3M / Photodyne 17XTG* at our website: ***Click HERE***

17XTG/I Hand-Held Power Meter
3M



Description

The most powerful, full-featured optical power meters on the market. The Photodyne 17XTG and 17XTI Hand-Held Fiber Optic Power Meters represent the cutting edge in fiber optic testing technology. Extremely powerful and flexible, the Photodyne 17XTG/I power meters boast a wider dynamic range and higher accuracy than previous units.

The units are designed for:

- Single-mode and multimode use
- LAN applications
- Link commissioning
- Maintenance and restoration
- Engineering and testing

The Photodyne 17XTG/I power meters work in conjunction with the Photodyne 7XT Light Source. Designed for a variety of applications. The extended dynamic range of the power meters allows the units to provide testing capabilities for a wide spectrum of applications.High-performance applications such as analog cable TV systems and erbium-doped amplifiers are accommodated with the upper end of the Photodyne 17XTG power meter's dynamic range (+20 dBm). More basic applications, such as today's SONET and ATM digital systems, are handled easily.

As today's communications industry continues to evolve, the Photodyne 17XT family will provide total testing capabilities for current and future applications.

The 17XTG/I Hand-Held Power Meters include:

- 17XT Power Meter
- AC adapter
- 9V NEDA alkaline battery
- Instruction manual
- Carrying case

Specifications for Photodyne Power Meters

Product number	17XTG	17XTI
Size H x W x D cm (inches)	18.6 x 9.5 x 4.6 (7.7 x 3.75 x 1.8)	18.6 x 9.5 x 4.6 (7.7 x 3.75 x 1.8)
Net weight kg	0.5 (1.1 lbs.)	0.5 (1.1 lbs.)
Shipping weight kg	1.41 (3.1 lbs.)	1.41 (3.1 lbs.)
Operating temperature	-5° to 50°C (23° to 122°F)	-5° to 50°C (23° to 122°F)
Storage temperature	-40° to 70°C (-40° to 158°F)	-40° to 70°C (-40° to 158°F)
Relative humidity (non-condensing)	5% to 95%	5% to 95%
Power	9V NEDA 1604 alkaline battery or external AC power supply	9V NEDA 1604 alkaline battery or external AC power supply
Battery life	20 hours alkaline	20 hours alkaline
AC power	External AC power supply	External AC power supply
Optical interface	2000 series adapter caps	2000 series adapter caps
Sensor type	Large area Ge	Large area InGaAs
Wavelengths (nm)	780, 820, 850, 980, 1300, 1480, 1550	780, 820, 850, 980, 1300, 1480, 1550
Measurement accuracy (@ -20 dBm) dB	±0.25	±0.25
Dynamic range (dBm)		
1300 nm	+21 to -64	+5 to -73
1550 nm	+20 to -64	+5 to -73
Measurement resolution (dBm)	0.01	0.01
Display type	LCD	LCD
Printer interface	RS232C, RJ-11 connector	RS232C, RJ-11 connector
Printer port speed (bits/second)	300, 600, 1200, 2400, 4800, 9600	300, 600, 1200, 2400, 4800, 9600

Ordering Information

Order No.	Mfg. No.
MMM 202685	17XTG
MMM 202686	17XTI

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