

# ruggedized optical power meter

# T-339E

## Description

Model T339E is a ruggedized optical power meter designed to withstand outdoor field environments. The new and improved T339E utilizes advanced microprocessor technology to provide for easy, accurate and stable calibration as well as error free, non volatile digital storage of reference measurements.

This unit is a continuation of Wilcom's widely used T339 series of ruggedized optical power meters. The T339E unit has an easy to read four digit LCD display for easy viewing and a InGaAs detector calibrated at four wavelengths (850, 1300, 1310 and 1550nm). The unit is powered by three standard AA Alkaline batteries, or optional rechargeable NiCad batteries.

The unit provides user selectable modes allowing measurements in dBm, microwatts, and relative power from +5dBm to -70 dBm and can store a reference value for end-to-end loss measurements on multimode and singlemode fiber.



## Specifications:

	<b>T339E</b>
Calibrated Wavelengths (nm)	850, 1300, 1310, 1550
Power Range (dBm)	+5 to -70
Detector Type	InGaAs
Spectral Response (nm)	800 to 1700
Accuracy <sup>1</sup>	± 0.25 dB
Resolution	0.01dB
Display	4 digit LCD
Function	dBm, dBr, µW
2 kHz Detection	Yes
Reference Store	Yes
Auto Shut Off	5 minutes after last keypress (can be disabled)
Power	Three (3) AA size batteries
Operating Temperature	0 to +50 °C
Storage Temperature	-20 to +60 °C
Dimensions H x W x D	6.0" x 3.5" x 2.8" (152 x 89 x 71mm)
Weight	1.1 lbs (500g)
Function (Power Units)	dBm, dBr, µW (mW FM-1318C)
Warranty	1 year

Note 1: Valid at 1310nm, -20 dBm CW, 23 °C

## Ordering Information:

Description	Part Number
T-339E	30339010

## Optional Accessories

Description	Part Number	Description	Part Number
ST Adapter	30030792-01-1	Biconic Adapter (Dorran)	30030134-01-1
D4 Adapter	30030118-01-3	Biconic Adapter (Plastic)	30030135-01-1
FC Adapter	30030191-01-2	LC Adapter	30032052-01-5
SC Adapter	30031752-01-4	Battery Charger Kit	30032241-01

# Wilcom

Specifications and prices are subject to change without notice.

02/11 813-021-005

ISO - 9001:2008 Registered

P.O. Box 508, Laconia, NH 03247  
Tel: (603) 524-2622 or (800) 222-1898, Fax: (603) 524-3735

www.wilcominc.com