

# Optical Power Meter

## TFC200 FiberChamp®



**FiberChamp**

### Characteristics

#### FiberChamp Optical Power Meter

These specifications apply for use with all singlemode and multimode fibers up to 200  $\mu\text{m}$ , 0.3 NA core with all connector options.

**Spectral Range** - 750 nm to 1700 nm.

**Calibrated Wavelengths** - 780, 820, 850, 1060, 1300, 1310, 1550 nm.

**Dynamic Range** - +10 dBm to -70 dBm.

**Accuracy** -  $\pm 3\%$  ( $\pm 0.1$  dB). Note: At -20 dBm at 20°C at calibrated wavelengths (1% typical).

**Readout Resolution** 4 digits, 0.01 dBm.

**Display** - Backlit LCD 6.98 x 5.08 cm (2.78 x 2.00 in.).

### Environmental

**Temperature** - Operating: -10°C to +45°C;  
Storage: -30°C to +75°C

**Humidity** - 5 to 95% Relative Humidity (non-condensing).

**Altitude** - Operating: 4,500 meters (15,000 ft.); Storage: 15,000 meters (50,000 ft.).

### Power Requirements

**Internal** - 9 V Alkaline (non-rechargeable) or 7.2 V, 6 cell NiCad (rechargeable).

**Battery Life** - Alkaline 28 hours, NiCad 8 hours.

**External** - 12 to 20 V DC (AC/DC converter) at 100 mA minimum.

## Physical Characteristics

<b>Dimensions</b>	<b>cm</b>	<b>in.</b>
Length	9.5	3.74
Width	3.3	1.3
Height	20.1	7.91
<b>Weight</b>	<b>kg</b>	<b>lb.</b>
Net	0.45	1



Tektronix Measurement products are manufactured in ISO registered facilities.



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