

3166 CLAMP ON POWER HiTESTER



TRANSCAT®

▶ Visit us at Transcat.com!

35 Vantage Point Drive Rochester, NY 14624
Call 1.800.800.5001

3166

An indispensable power meter that consumes little power and permits the processing of measurement data on a PC

- Using DEMAND mode, daily reports (or another) supported.
- Lead/lag discrimination for power factor.
- Separate integration of opposite polarities
- Support for reactive power measurement method

SPECIFICATIONS

Measurement lines :	Single-phase/two-wires, Single-phase/three-wires, Three-phase/three-wires, Three-phase/four-wires
Measurement items :	Voltage, Current, Active power, Apparent power, Reactive power, Power factor, Frequency, Power integral
Measurement ranges :	Voltage: 150 V to 600 V, 3 ranges, Current: 20 A to 500 A, 5 ranges (use clamp sensor) Power: 3 kW to 900 kW, 60 ranges
Basic accuracy :	±0.1 % rdg. ±0.2 % f.s. + Clamp accuracy (for active power)
9291Clamp accuracy :	±0.5 % rdg. ±0.2 % f.s.
Frequency characteristics :	With fundamental frequency 45 Hz to 66 Hz, up to 50th harmonic: ±3 % f.s. + measurement accuracy, With fundamental frequency 360 Hz to 440 Hz, up to 7th harmonic: ±3 % f.s. + measurement accuracy

Other functions :	RS-232C, (Option; D/A output, FDD unit)
Sampling rate :	1 times /second
Power supply :	universal 100 to 240 VAC, 50/60 Hz
Dimensions, mass :	246W × 86H × 176D mm, 1.6 kg
Accessories :	9438 VOLTAGE CABLE(1), Voltage cable locking parts(4), Stand(1), Power cord(1)

OPTION (The 3166 cannot be used alone. Measurement requires one or more optional sensors.)

**Note: Non-CE mark product*

9291 CLAMP ON SENSOR

(Rated current; 500 AAC, 66 Hz to 5 kHz ±1 %, Max. circuit voltage: 600 V rms /insulated wire, Core jaw dia.: ø46 mm, Dimensions, mass: 77W×151H×42D mm, 360 g, cord length 3 m)

9440 CONNECTION CABLE (for use external control)

9594 D/A OUTPUT (factory fitted only, included with the 9441)

9441 CONNECTION CABLE (for use the 9594, included it)

9595 FDD UNIT

9556 HARMONIC ANALYSIS SOFTWARE (need 9595)

9383 CARRYING CASE

9442 PRINTER

9443-02 AC ADAPTER (for the 9442, EU), **9443-03 (USA)**

9444 CONNECTOR CABLE (for the 9442)

1196 RECORDING PAPER (25 m, 10 rolls /1 set, for the 9442)

***9290 CLAMP ON ADAPTER**

TRANSCAT



35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001

TRANSCAT