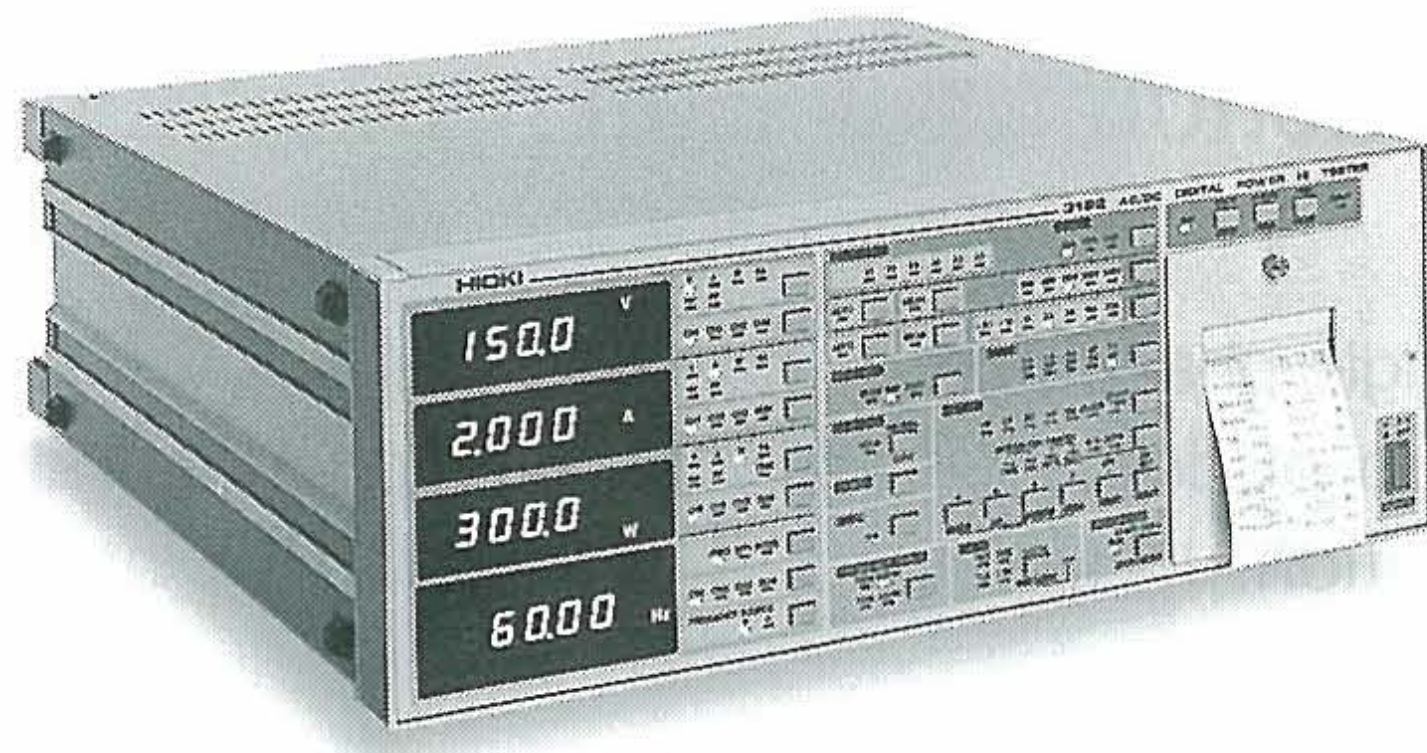


3192 AC/DC DIGITAL POWER HiTESTER



Wide frequency range power measurements, for DC supplies and inverter controllers

This product offers AC/DC testing, from DC to 100kHz with no range switching. Testing at frequencies as low as 10Hz is no longer a problem, and power measurements are now possible up to 100kHz. The display can show four values simultaneously for example the relationships among voltage, current, power and frequency can be seen at a glance.

RMS

GP-IB

SPECIFICATIONS

Measurement lines : Single-phase/two-wires to three-phase/four-wires (Through the use of various input units)

Measurement items : Voltage, Current, Active power, Apparent power, Reactive power, Power factor, Efficiency, Frequency

Measurement ranges : **Voltage;** 30.00V to 600.0V, 5 ranges, **Current** used 9492; 1.000A to 20.00A, 5 ranges, **Current** used 9493; 10.00mA to 2.000A, 8 ranges, **Current** used 9494; 10.00mV to 200.0mV (shunt voltage input), 5 ranges, **Current** used 9495; 1.000A to 500.0A (used with 9277 to 9279 clamp CT), 9 ranges, **Power** used 9492; 30.00W to 36.00kW, 93 ranges*
*Other with input units, depends on combination of voltage and current ranges.

Frequency; 20Hz to 20kHz (4 digit resolution), 4 ranges

Integration range/optinal : **Current or Power integral;** 0 to ±999999MWh /MAh, 0 to 10000 hours integration time

Basic accuracy : *±0.1% rdg. ±0.2% f.s. (active power, at 45 to 66Hz)
used with 9492 to 9495 Input unit *When used together with the 9277 to 9279, resulting accuracy is the sum of that indicated above and the accuracy of the 9277 to 9279.

Frequency characteristics : used with 9492; DC or 10Hz to 30kHz (±2.5% f.s.)
used with 9493; DC or 10Hz to 50kHz (±2% f.s.)
used with 9494, 9495; DC or 10Hz to 100kHz (±6% f.s. 9495 with clamp accuracy)

Signal output : **Analog level;** 2VDC /f.s., **Waveform monitor;** 2V /f.s., **D/A output** /optional; (display value)

Other functions : Scaling, Averaging, Smoothing, Response switching, RMS/MEAN, Printer(optional), GP-IB(standard),

Sampling rate : 4 times /second

Power supply : universal 85 to 132VAC /170 to 250VAC, 45 to 66 Hz

Dimensions, mass : 430W × 150H × 400Dmm, 15kg (with all options)

Accessories : Power cord(1), Connector(1), Fuse(1)

OPTION (The 3192 cannot be used alone. Measurement requires one or more input units.)

9490 PRINTER UNIT (built-in type, 10 second to 1000 hours printing interval, it can only be supplied when factory fitted.)

9491 INTEGRATOR AND D/A UNIT (built-in type)

1195 RECORDING PAPER (30m, 10 rolls /1 set)

9492 AC/DC DIRECT INPUT UNIT

9493 AC/DC DIRECT INPUT UNIT

9494 AC/DC SHUNT INPUT UNIT

9495 AC/DC CLAMP INPUT UNIT

9277 UNIVERSAL CLAMP ON CT (refer to p.25)

9278 UNIVERSAL CLAMP ON CT (refer to p.25)

9279 UNIVERSAL CLAMP ON CT (refer to p.25)

9151-02/04 GP-IB CONNECTION CABLE (2m /4m)