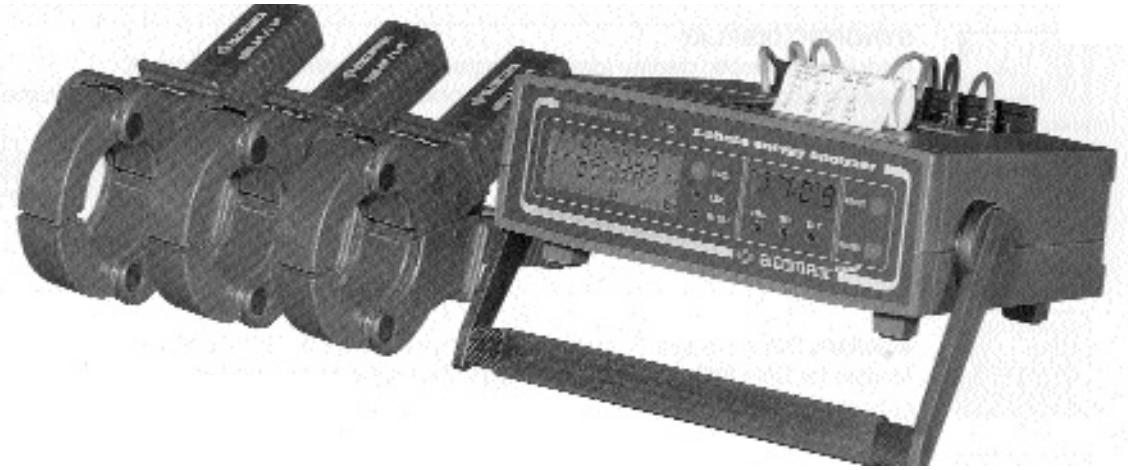
Elcontrol Microvip 3

Volt
Amp
RR, cosø
kW kVA
kvar
Hz
kWh
kvarh
Peak kVA
Peak kW



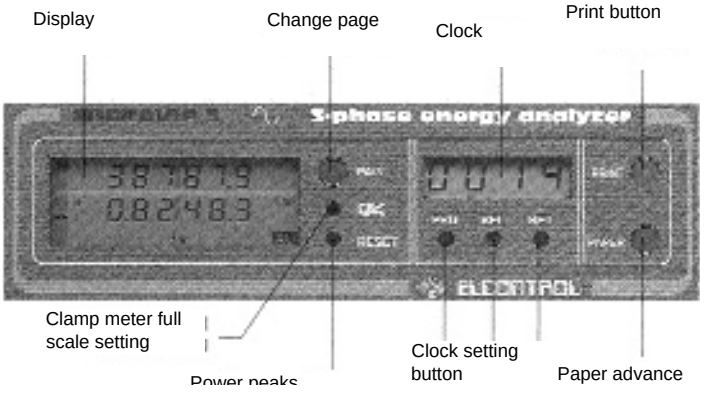
20 Instruments in 1

For THREE-PHASE unbalanced system
Fibre optic output for RS232 connection to computer

TOP PERFORMANCE IN A SMALL SPACE

• 20 Measurement functions
-Volt (rms), Amp(rms), P.F. cosO, kW, kvar, kVA, kvarh, kWh,
Power peak kVA, kW.

• Three-phase measurements on unbalanced systems.
• Single-phase measurements.
• Measurements in true rms
• Automatic scale change for voltage and current
• AC and DC measurements with optional clamp meter
• Display and print out of each phase and three-phase value
• Timed printout of all measurements with date and time
• Quartz clock with display
• Back-lit measurement display
• Fibre optic output for bonnection to computer



MEASUREMENT ON DISPLAY PAGES

Volt	Rms phase-to-phase voltage (average of the three phases)
Amp	Equivalen rms current of the three-phase system
P.F. COSø	Power factor of the three-phase system
kWatt	Active power of the three-phase system
Volt Li	Rms voltage between phase Ll and neutral
Volt L2	Rms voltage between phase L2 and neutral
Volt L3	Rms voltage between phase L3 and neutral
Amp Ll	Rms current of phase Ll
Amp L2	Rms current of phase L2
Amp L3	Rms current of phase L3
kW Ll	Phase Ll active power
kW L2	Phase L2 active power
kW L3	Phase L3 active power
kvar	Reactive power of the three-phase system
kVA	Apparent power of thethree-phase system
Hz	Voltage frequency
kvarh	Reactive energy consumption for the three-phase system
kWh	Active energy consumptionfor the three phase system
kVA	verage apparent power peak of the three-phase system
kW	Average active power peak of the three-phase svstem

N.B. The peak values are displayed on MICROVIP3 15 minutes after the instrument has been turned on and are updated every 3 minutes . Integration times different than 15 min. may only be programmed at the factory.

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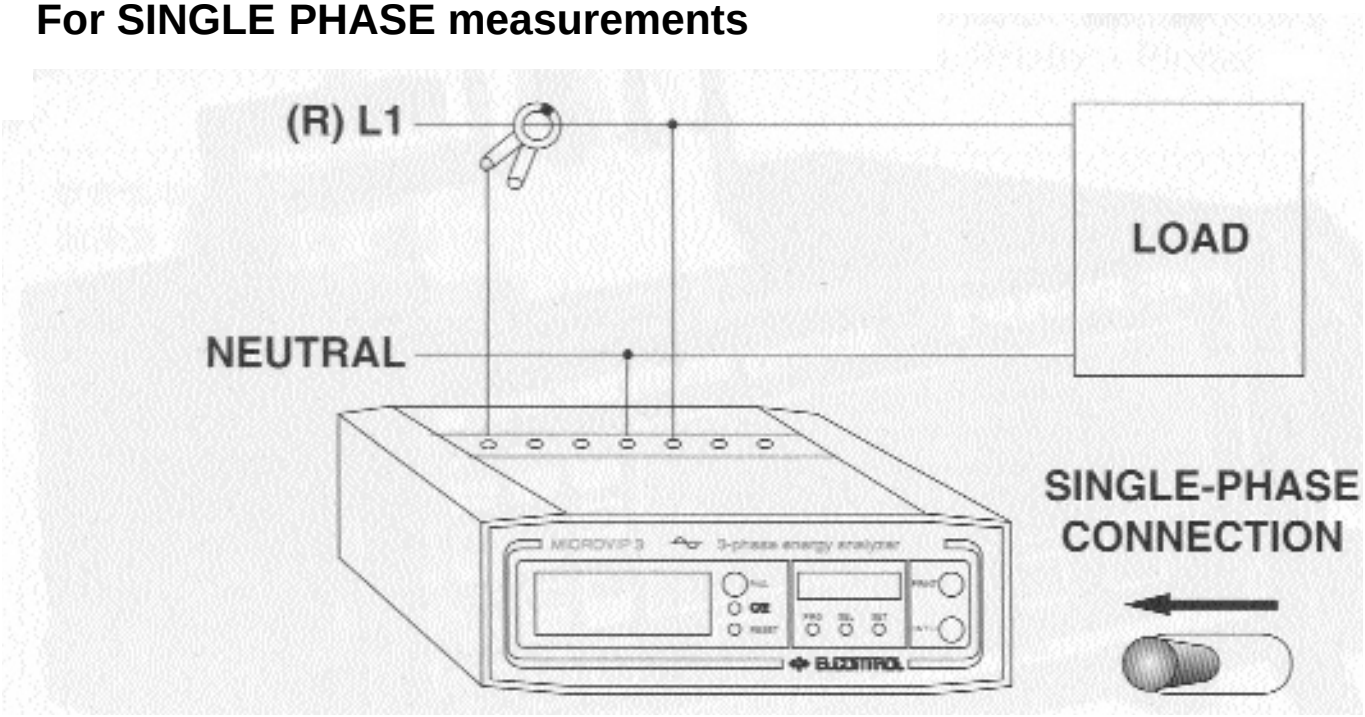
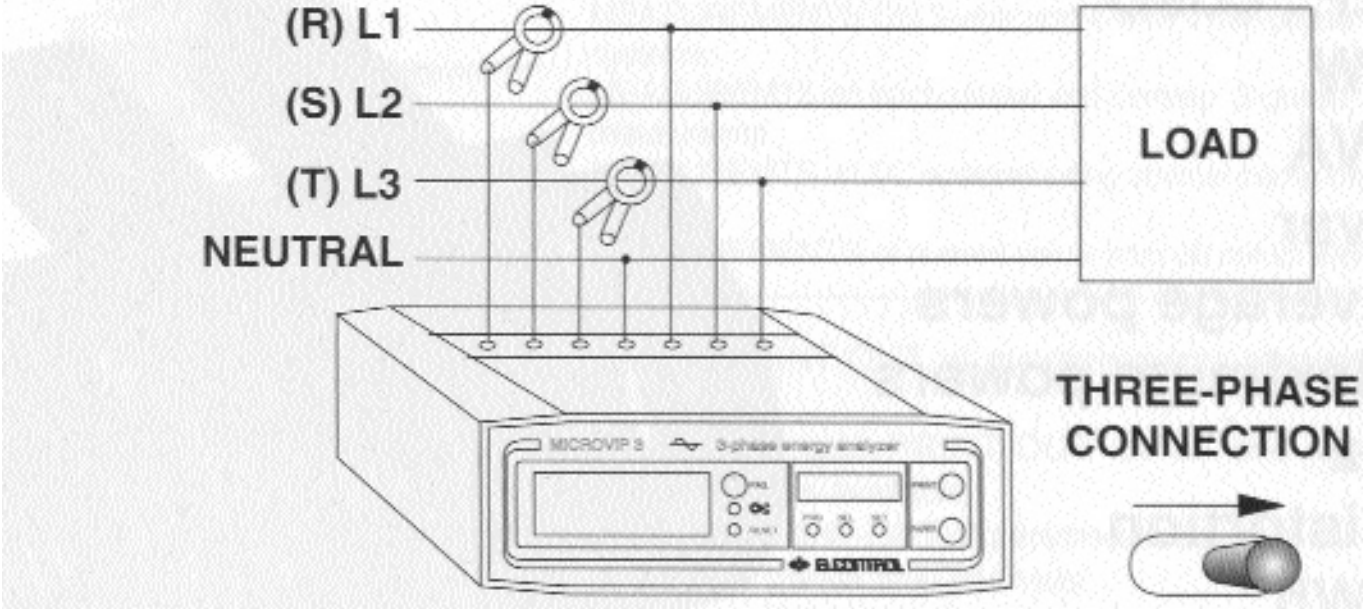
For SINGLE PHASE measurements



For THREE-PHASE measurements



Elcontrol Microvip 3

Complete with:
1 Carrying case for MICROVIP kit
1 MICROVIP 3
1 Power supply cable
1 Set of voltage measurement cables
3 Clip-on CT's 1 OOOA/1 Vrms AC with cables
* 2 Fuses 5x2O 160 mA (spare)
* 1 Ink ribbon (spare) 1 Roll of printer paper (spare) 1 Carrying strap
1User manual
1 Guarantee certificate

SPARE PARTS

PINZA-1000A/1V-AC	Clamp meter 1000A/1VAC
CONF.10-CARTA-X-VIP3	Package of 10 paper rolls for MICROVIP..
NASTRO-EPR-ERC-09C	Ink ribbon for printer
CONF.10-FUS-VIP3-220V	Pkg. containing (10) - 5x2O - 80 mA - 250V - delayed fuses
VIP3-CAVO-VOLT	Set voltage cables for MICROVIP3
VIP3-CAVO-RETE	Mains supply cables for VIP3
MICROVIP-BRETELLA	1 carrying case for MICROVIP3
MICROVIP3-VALIGIA	1 carrying case for MICROVIP3

GENERAL SPECIFICATIONS

Inputs - Voltmeter: (L1 -N, L2 - N, L3 -N) max 750 Vrms fr. 20 to 600 Hz.
Ammeter: 1 Volt from 20 to 600 Hz.
Number of scales: 3 voltage scales; 3 current scales.
Automatic scale change
Scale change response time: 500msec.
Ambient temperature Range: from -100C to +500C
Safety reference standards: IEC 348, VIDE 411 class 2, for operating voltages: ≤ 650 VAC rms, I EC 1010-1, EN 61010-1, 60OV.
EMC reference standards: EN 50081 -1, EN 50082-1, EN 55022.
Instrument dimensions: 251 x 239 x 104 mm. Instrument weight: 2,9 Kg. Kit weight: 6,3 kg.
POWER SUPPLY
Mains: 100 - 120V / 200 - 240V ± 10%
Internal battery
Instrument consumption: 4VA