

CE



M1



S



FLEX-3000A

Model M1	
Transformer ratio (Arms)	100 A/1A
Rated burden	1W
Maximum load	2W
Overload (Arms)	120% continuous, 150% for 5 min/ h
Weight	100 gm approx.
Colours	Red, Yellow, Blue
Dimensions	97 x 46 x 27 mm.
Jaw opening	Cable Dia 15 mm max.
Accuracies	
for 50 Hz	± 2% of rdg. for 5A to 10A ± 1% of rdg. for 10A to 150A
for 2000Hz	± 1% of rdg. for 100A
for 50A	± 2% from 30Hz to 10000Hz
for phase	from 1° to 2.5°
Connections	Safety sockets for banana plugs ø 4mm

Flexible AC Current Probe - 3000A AC	
MECO FLEX - 3000A is designed for accurate measurement of AC, Pulsed DC or complex wave form of very low frequency upto 100kHz.	
It is very handy to pass through cables or bunches of conductor wires upto a diameter of 170mm (max.) The Clamp-On type Flex 3000 measures the current passing through the conductor. The output through 4mm banana pins can be connected to any Digital Multimeter in mV AC range to read the primary current upto 3000A AC.	
Model	FLEX 3000A
Range	3000A AC
Output	100mV / 1 KA AC
Accuracy	± 1%
Probe Length	600mm
Output Terminal	4mm Banana Pins

Ordering Information : Model, CT Ratio, Single / Triple Range, Colour

Model S	Transformer ratio (Arms) : 200/5A, 500/5A, 1000/5A (Single Range) 100, 500, 1000/5A (Triple Range)	Connections : Safety sockets for banana plugs ø 4mm
Overload (Arms)	: 120% continuous, 200% for 5 min/ h	
Weight	: 535 gm approx.	
Colours	: Red, Yellow, Blue	
Dimensions	: 217 x 109 x 40 mm.	
Jaw Opening	: Cable Dia 53 mm max.	
Bus bar	: 51 x 12mm	

Accuracy class	2	1	0.5
Rated burden	0.8W	0.4W	0.2W
Frequency range	30Hz to 5000 Hz	45 Hz to 1000Hz	50 Hz to 400 Hz

Limits of Errors for : The secondary burden is any value from 25% to 100% of the rated burden (with 1VA min.), 50Hz/60Hz and 20°C									
Rated Current Shown Below as % Ipn									
% Ipn	5%	10%	20%	100%	120%	5%	20%	100%	120%
ACCURACY	Percentage ratio MAX. in ± % Ipn					Phase displacement MAX. in ± Minutes			
Class 0.5	1.5	1.5	0.75	0.5	0.5	90	45	30	30
Class 1	3.0	3.0	1.5	1	1	180	90	60	60
Class 2	4	4	3	2	2	No specified			
To obtain the error for an intermediate value of Ipn use linear interpolation.									

Note
Clamps with specifications other than above available subject to technical specifications.

Caution
The current probe secondary should never be open-circuited. Otherwise, lethal voltages will be developed and the probe will be damaged. Always complete the secondary connection firmly before clipping on the probe to the circuit. For disconnection, reverse the sequence. For power measurements, ensure the correct P1, P2 and S1, S2 polarities as indicated by the arrows on the Probe.