

Power Quality Current Clamps

Fluke model number	i1A/10A CLAMP PQ3	i1A/10A CLAMP PQ4	i5A/50A CLAMP PQ3	i5A/50A CLAMP PQ4	i20A/200A CLAMP PQ3	i20A/200A CLAMP PQ4	FS17xx	i3000 flex ... 4PK	i400s	i430 ... flex ... 4PK	i5sPQ3
Description	3 ... phase 1A/10A Mini current clamp set	4 ... phase 1A/10A Mini current clamp set	3 ... phase 5A/50A Mini current clamp set	4 ... phase 5A/50A Mini current clamp set	3 ... phase 20A/200A Mini current clamp set	4 ... phase 20A/200A Mini current clamp set	4 Phase flexiset	4 ... phase 3000A Flexible current clamp set	Single phase 400A current clamp (4 required)	4 ... phase 3000A Flexible current clamp set	3 ... phase 5A Current clamp set
Old Fluke model #	CURRENT CLMAPS 1A (EPO450A)	MBX CLAMP 1A/10A+N (EPO451A)	MBX CLAMP 5A/50A (EPO452A)	MBX CLAMP 5A/50A+N (EPO453A)	MBX CLAMP 20/2000A (EPO456A)	MBX CLAMP 20/2000A+N (EPO456A)	MBX Lem Flex (15/150/3000) (EPO404A)				
Fluke 1735	● ●	● ●	● ●	● ●	● ●	● ●	● ●				
Fluke 174X	● ●	● ●	● ●	● ●	● ●	● ●	● ●				
Fluke 43X											
Nominal current range(s)	1 A 10 A AC	1 A 10 A AC	5 A 50 A AC	5 A 50 A AC	20 A 200 A AC	20 A 200 A AC	15A,150A,1500A 3000A AC	30 A 300 A	40 A 400 A	3000A	5 A
Cont. AC current range	10 mA ... 1 A 100 mA ... 10 A	10 mA ... 1 A 100 mA ... 10 A	50 mA ... 5 A 500 mA ... 50 A	50 mA ... 5 A 500 mA ... 50 A	200 mA ... 20 A 2 A ... 200 A	200 mA ... 20 A 2 A ... 200 A	450mA ... 15A 600mA ... 150A 12A ... 3000A	1 A ... 30 A 1 A ... 300 A 1 A ... 2400 A	0.5 A ... 40 A 5 A ... 400 A	30 A ... 3000 A	0.01 A ... 6 A
Highest current	20 A	20 A	100 A	100 A	300 A	300 A	4000 A	4000 A	1000 A	100 kA	70 A
Lowest measurable current	10 mA	10 mA	50 mA	50 mA	200 mA	200 mA	450 mA	1 A	0.5 A	30 A	10 mA
Basic accuracy (48 ... 65 Hz) ¹	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	2%+2% position influence	2%+2 A	2%+0.15 A	1%	1%
Usable frequency	40 Hz ... 10 kHz	40 Hz ... 10 kHz	40 Hz ... 10 kHz	40 Hz ... 10 kHz	40 Hz ... 10 kHz	40 Hz ... 10 kHz	40Hz ... 5kHz	10 Hz ... 100 kHz	45 Hz ... 3 kHz	10 Hz ... 7 kHz	40 Hz ... 5 kHz
Requires battery											
Flex head length							61 cm		Clamp opening: 32 mm	61 cm	Clamp opening: 15 mm
Output level(s)	75 mV/A	75 mV/A	15 mV/A	15 mV/A	3.75 mV/A	3.75 mV/A	0.1 mV/A	10 mV/A 1 mV/A 0.1 mV/A	10 mV/A 1 mV/A 1 mV/A	0.085 mV/A @50 Hz	400 mV/A
Output cable (m)	2	2	2	2	2	2	2	2.1	2.5	2.5	2.5
Safety rating	CAT III 600 V	CAT III 600 V	CAT III 600 V	CAT III 600 V	CAT III 600 V	CAT III 600 V	CAT III 1000 V CAT IV 600V	CAT III 600 V	CAT III 1000 V CAT IV 600 V	CAT III 1000 V CAT IV 600 V	CAT III 600 V
Connection	One connector	One connector	One connector	One connector	One connector	One connector	One connector	4 x BNC	4 x BNC	4 x BNC	3 x BNC
BNC to banana adapters included	n/a	n/a	n/a	n/a	n/a	n/a	n/a				

¹ Basic accuracy: % reading plus floorspec.
n/a = not applicable



i5sPQ3

i430-flex-4PK

i400s

i3000 flex-4PK
(4x i3000s flex2x4)

