

## DKFLEX --European Technic

### FLEXIBLE CURRENT PROBE



The DKFLEX flexible current probe is ideal tool for electronic power development. because it's with the characteristic of easy using, small,flexible,and can measure its waveform graph and values.

#### Applications:

- Monitoring current waveforms for semiconductor switches
- Developing electronic power equipment
- Monitoring high frequency sinusoidal currents
- Measuring fault currents or circuit breaker interruption currents
- Measuring pulses of current
- Measuring ac currents superimposed on large dc current currents
- Measuring harmonic current components
- Measuring signal or earth leakage currents in 3-phase supply systems
- Instantaneous  $\pm 6V$  peak to peak output to plug directly into scope, data acquisition equipment, DMM or power recorders
- Thin and flexible, clip-around coil in lengths from 200mm to 1000mm--other lengths available as custom designs
- Easy to insert probe in confined spaces
- Robust lockable clip-in mechanism
- Non-intrusive--loading the circuit under test by only a few  $\mu H$

## DK series(Specification)

Model	Sensitivity mV/A	Peak-peak Current(A)	Measurement from(A)	DC offset /mV	Peak di/dt kA/ $\mu$ s	Bandwidth (3db)	Accuracy
DK-Mini070	100	70	0.5	$\pm 2$	0.2	45Hz-4/8MHz	1%+2mV
DK-Mini140	50	140	1.0	$\pm 2$	0.2	45Hz-4/8MHz	1%+2mV
DK-Mini350	20	350	2.5	$\pm 2$	0.4	45Hz-4/8MHz	1%+2mV
DK-0700	10	700	5.0	$\pm 2$	0.6	5Hz-6/10MHz	1%+2mV
DK-1400	5	1400	10	$\pm 2$	0.6	5Hz-15MHz	1%+2mV
DK-3500	2	3500	25	$\pm 2$	0.6	5Hz-15MHz	1%+2mV
DK-7000	1	7000	50	$\pm 2$	0.8	5Hz-15MHz	1%+2mV
DK-14000	0.5	14000	100	$\pm 2$	50	5Hz-15MHz	1%+2mV
DK-35000	0.2	35000	200	$\pm 2$	50	5Hz-15MHz	1%+2mV
DK-70000	0.1	70000	200	$\pm 2$	50	5Hz-15MHz	1%+2mV
DK-140000	0.05	140000	200	$\pm 2$	50	5Hz-15MHz	1%+2mV
DK-350000	0.02	350000	1000	$\pm 2$	50	5Hz-15MHz	1%+2mV
DK-2000	2	2000	1A	$\pm 2$	20	10Hz-150KHz	2%

Coil circumference:120mm to 1000mm

Coil cross section(max): 3KV

Temperature range: -10°C-100°C

Cable length(from box to coil):2m or 4m

Power supply: DC supply adaptor or 6-9v or 4 batteries

Integrator box dimension: H=160mm,W=80mm,D=28mm

Coil cross section(max):8mm-14mm(with sleeve)

Output socket:BNC(1M $\Omega$ )

### Order code

Model Number	Cable length	Coil cross section (max)	Coil circumference
DK-XX	? m	? mm	? mm