



DKFLEX ELECTRONIC MEASUREMENT LTD

DKFLEX --European Technic, Made in Taiwan

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 pH

ADD: Room B208-B211 Area 2 TCL cultural industrial park, No.69 Guangpu west road, Guangzhou, China

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DK series(Specification)

| Type | Sensitivity mV/A | Peak Current(A) | Measurement from | DC offset mV | Peak di/dt kA/μs | Bandwidth (3db) | Accura cy |
|-------------------|---------------------|--------------------|---------------------|-----------------|---------------------|--------------------|--------------|
| DK-Mini070 | 100 | 70 | 20(mA) | ±2 | 0.2 | 0.2Hz-20MHz | 1% |
| DK-Mini140 | 50 | 140 | 20(mA) | ±2 | 0.2 | 0.2Hz-20MHz | 1% |
| DK-Mini350 | 20 | 350 | 20(mA) | ±2 | 2 | 0.2Hz-20MHz | 1% |
| DK-0700 | 10 | 700 | 10A | ±2 | 8 | 0.2Hz-20MHz | 1% |
| DK-1400 | 5 | 1400 | 10A | ±2 | 8.0 | 0.2Hz-20MHz | 1% |
| DK-3500 | 2 | 3500 | 10A | ±2 | 20.0 | 0.2Hz-20MHz | 1% |
| DK-7000 | 1 | 7000 | 10A | ±2 | 25 | 0.2Hz-20MHz | 1% |
| DK-14000 | 0.5 | 14000 | 10A | ±2 | 50 | 0.2Hz-20MHz | 1% |
| DK-21000 | 0.33 | 21000 | 10A | ±2 | 50 | 0.2Hz-20MHz | 1% |
| DK-42000 | 0.167 | 42000 | 15A | ±2 | 50 | 0.2Hz-20MHz | 1% |
| DK-84000 | 0.083 | 84000 | 15A | ±2 | 50 | 0.2Hz-20MHz | 1% |
| DK-168000 | 0.0417 | 168000 | 15A | ±2 | 50 | 0.2Hz-20MHz | 1% |
| DK-336000 | 0.021 | 336000 | 15A | ±2 | 50 | 0.2Hz-20MHz | 1% |
| DK-2000 | 2 | 2000 | 1A | ±2 | 20.0 | 10Hz-150KHz | 2% |

Length of the oil circumference: 100,200 or 1000mm
 Max Operating Pressure of the coil: 5KV
 Operating temperature range: -20°C-100°C
 Cable length: 2m or 4m
 Power supply: DC supply adapter 6-9V or 4 Batteries
 Integrator box dimensions: H=160mm.W=80mm,D=28mm
 Diameter of the coil(max): 8mm-14mm(with sleeve)
 Output socket: BNC (50Ω)
 Min. Output loading: 100KΩ



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