

**DKFLEX –歐洲技術，台灣製造**

**FLEXIBLE CURRENT PROBE**

**the DKFLEX is ideal for power development development work because it combines an easy to use thin, flexible clip-around coil with an ability to accurately replicate fast switching current waveforms be they sinusoidal**

DKFLEX 是您理想的電子電力開發應用工具，它結合了一個易於使用，小巧，靈活，準確，快捷測出電流波形圖及其數值。

**Applications:**

**Monitoring current waveforms for semiconductor switches**

**development and servicing of power electronic 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  $\mu H$**

**功能特點：**

可控制開關按鍵

電子電力設備開發

高頻率電流波形圖測試

測量故障電流中斷或斷路電流

測量脈衝電流

測量交流電流疊加在大電流直流電流測量

諧波電流分析

測量信號或對地洩漏電流在三相供電系統分析

暫態 $\pm 6V$  峰峰值輸出 直接插入範圍，數據採集設備，數字萬用表或功率記錄器

薄，靈活，clip-around 線圈長度從200毫米至1000——其他長度可定制設計

Type	Sensitivity mV/A	Peak Current(A)	Measurement from	DC offset mV	Peak di/dt kA/ $\mu$ s	Bandwidth (3db)	Accuracy
DK-Mini070	100	70	20(mA)	$\pm$ 2	0.2	0.2Hz-20MHz	1%
DK-Mini140	50	140	20(mA)	$\pm$ 2	0.2	0.2Hz-20MHz	1%
DK-Mini350	20	350	20(mA)	$\pm$ 2	2	0.2Hz-20MHz	1%
DK-0700	10	700	10A	$\pm$ 2	8	0.2Hz-20MHz	1%
DK-1400	5	1400	10A	$\pm$ 2	8.0	0.2Hz-20MHz	1%
DK-3500	2	3500	10A	$\pm$ 2	20.0	0.2Hz-20MHz	1%
DK-7000	1	7000	10A	$\pm$ 2	25	0.2Hz-20MHz	1%
DK-14000	0.5	14000	10A	$\pm$ 2	50	0.2Hz-20MHz	1%
DK-21000	0.25	21000	10A	$\pm$ 2	50	0.2Hz-20MHz	1%
DK-42000	0.125	42000	15A	$\pm$ 2	50	0.2Hz-20MHz	1%
DK-84000	0.625	84000	15A	$\pm$ 2	50	0.2Hz-20MHz	1%
DK-168000	0.03	138000	15A	$\pm$ 2	50	0.2Hz-20MHz	1%
DK-336000	0.02	336000	15A	$\pm$ 2	50	0.2Hz-20MHz	1%

容易鉗入狹小封閉的空間

線圈可以鎖定

非接觸性——不影響測試進行中

DK series:Measurement from 20mA to 336000A

Coil circumference 线圈周长: 100 ,200 or 1000mm

Coil cross section(max)线圈最大耐压: 5Kv

Temperature Range 操作温度范围: -20 $^{\circ}$ C-100 $^{\circ}$ C

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

Power supply 电源供应器:DC SUPPLY ADAPTOR 6-9V or Battery 4

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

Coil cross section (max)线圈直径:2mm,4mm,8mm-14mm(with sleeve),

Output socket 输出模式: BNC (1M $\Omega$ )

Order Code 订单选型:

Type	Cable length 线长	Coil cross section (max) 线圈线直径	Coil circumference 线圈周长
DK-X X	2 m	8mm	1000mm

Power supply 电源供应器:DC SUPPLY ADAPTOR 6-9V or Battery 4 (标配)