

## LCR-Messgerät ST2830

- Frequencies: 50Hz - 100kHz
- Basic accuracy: 0.05%
- Test parameters:  $|Z|$ ,  $|Y|$ , C, L, D, Q,  $\theta$ (DEG),  $\theta$ (RAD),  $\Delta\%$ , DCR
- 4.3" TFT LCD-display
- Interface: RS232, USB, HANDLER, GPIB (optional)
- Measuring time: 13ms
- Comparator function



## Highlights

- 4.3" TFT LCD Display
- Soft power switch
- Max. 100kHz test frequency
- 6 digit reading resolution
- 10mVrms-2.0Vrms programmable test level
- DCR: 1V test level, resolution 10 $\mu\Omega$
- DCR polarity configuration function, particularly for inductance test
- Highest test speed 13ms/time
- Selectable 30 $\Omega$ /100 $\Omega$  signal source impedance
- V/I monitor
- Built-in comparator, 10 bins sorting and count function
- File storage and program update through U disk
- RS232, USB, HANDLER, GPIB interface (optional)

## Measurement display ranges

$ Z $ , R, X, DCR:	0,00001 $\Omega$ - 99,9999M $\Omega$
$ Y $ , G, B:	0,00001nS - 99,9999S
L:	0,00001 $\mu$ H - 9,9999kH
C:	0,00001pF - 9,99999F
Q:	0,0001 - 99999
D:	0,00001 - 9,99999
$\theta$ (DEG):	-179,999° - 179,999°
$\theta$ (RAD):	-3,14159° - 3,14159°
$\Delta\%$ :	-999,999° - 999,999°

## What's in the box

- ST26010 Gilded shorting plate
- ST26011C 4-terminal Kelvin clip test leads (click picture)
- ST26048A 4-terminal test fixture
- Operation manual
- Power cord
- Factory calibration certificate



## Optional

- GPIB- Interface
- Kelvin Test Clips ST26004S-1
- LCR Adapter ST26048
- SMD Test-Tweezers ST26009B
- Software ST<sup>®</sup>Meter 4.0