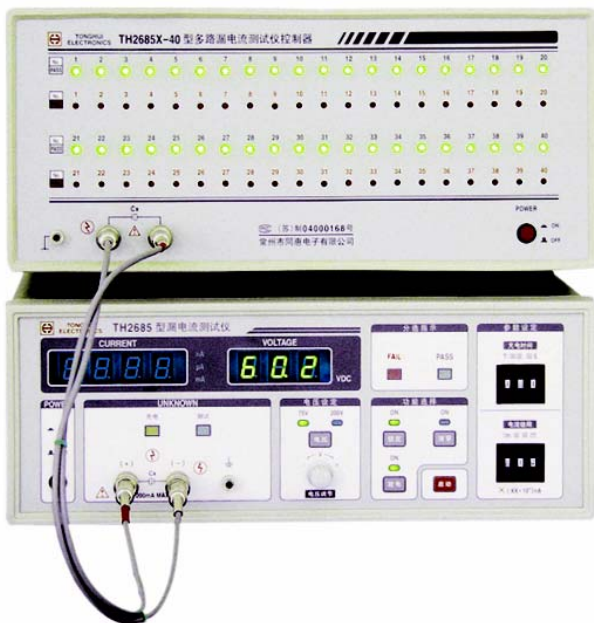


TH2685X Multi-channel Capacitor Leakage Current Scanning Test System

Features

- Maximum 54 capacitors measured for leakage current scanning
- Scanning measurement channels randomly set
- Respective result indication for each capacitor
- Measurement of random capacitor detected
- 17 seconds to scan all 54 capacitors
- Optional software to perform parameter setup, storage, statistics and analysis



TH2685X

Brief Introduction

■ TH2685 multi-channel capacitor leakage current scanning test system can perform scanning measurement for maximum 54 capacitors' leakage current. Electrolytic capacitors (especially tantalum electrolytic capacitors) are often belted for production convenience, but it is inconvenient for measurement. TH2685 can meet the measurement requirement of belted capacitors with fast measurement speed, easy operation, scanning channels setup and measurement result indication for each channel. So TH2685 is ideal instrument for belted capacitor measurement.

Specifications

Measurement function	
System configuration	TH2685+TH2685X
Measurement voltage	0 -100VDC or being customized
Current measurement range	10nA - 19.99mA, with resolution of 1nA
Current accuracy	3×accuracy of main instrument
Display mode	Main instrument: 3-digit display for voltage, 3 1/2-digit for current Controller: LED display for 54 channels PASS/FAIL
Max. charge current	200mA (1±10%)
Scanning channels	1 - 54
Measurement time	17 seconds (scanning 54 channels except charge time)
Comparator	PASS/FAIL
Interface	RS232C (option)

Note: Please refer to related manual for specifications of main instrument TH2685.

General Specifications

Operating temperature & humidity	0°C - 40°C, ≤90%RH	
Power supply	Voltage	198V—242V
	Frequency	47.5Hz—63Hz
Power consumption	TH2685X controller ≤ 20 VA	
Dimensions (W×H×D)	TH2685X controller 350mm×135mm×400mm	
Weight	TH2685X controller	
	Approx. 3.5kg	

Ordering Information

TH2685X Multi-channel Capacitor Leakage Current Scanning Test System

Instrument Accessories

TH26003	2-terminal test fixture
TH26004B	4-terminal Kelvin test cable
TH26010	gilded shorting plate
TH26021-XX	multi-channel leakage current test cable
TH26022	multi-channel scanning control cable
TH26023A	multi-channel leakage link cable
TH12017	RS232C control software

Changzhou Tonghui Electronics Co., Ltd.