

IV Test Tooling Offline Inspection System

OVERVIEW

CHT3546

CHT3546 precision DC resistance tester is a high-performance resistance tester, with a test range of $0.1\mu\Omega\sim 3.3M\Omega$ and a basic accuracy of 0.02%, which can meet most of the resistance test applications. The anti-interference circuit design enables the instrument to complete accurate testing in a variety of complex electromagnetic environments. Standard RS232/RS485/LAN and I/O interfaces, CHT3546 is especially suitable for supporting automation equipment to complete automatic testing.

Test fixture——JC-JSXT-LXCS-4X

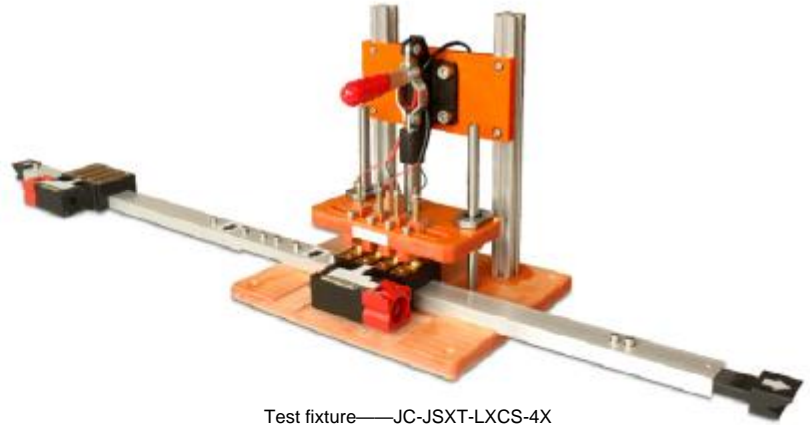
The test is connected to the precision resistance tester through the test line, which is matched with the test tooling to reduce misoperation, more convenient and accurate.

SPECIFICATION

Model	CHT3546
Display show	3.5 inch TFT-LCD
Test parameters	DC resistance, temperature
Basic accuracy	0.1%±10 reading(3mΩ,30mΩ,3MΩ),0.05%±4 reading(300kΩ),0.02%±2 reading (other ranges)
Resolution	0.1μΩ
Range	3mΩ/30mΩ/300mΩ/3Ω/30Ω/300Ω/3kΩ/30kΩ/30kΩ/3MΩ
Test speed	Fast (50Hz:20ms; 60Hz:18ms), Middle (50ms), Slow(200ms)
Signal source	1A DC; DC:Max 5.5V
Temperature	Range: -10°C~60°C; Accuracy: ±1°C
Corrections	Short-circuit clearance in full ranges
Comparators	10 levels of sorting; Implement HIGH-IN/LOW sorting
Internal data storage	Record the test data with computer software
Trigger mode	Internal, external, manual, BUS
Other functions	Temperature compensation; mains frequency setting; Thermoelectric potential compensation
Interface	External I/O, LAN, RS232, RS485
Power source	Voltage:100VAC~256VAC; Frequency:50Hz~60Hz
Rated power	10W
Size	325mm*215mm*96.5mm
Weight	2kg
Accessories	CHT9344, CHT9348, CHT9800, power cord, CHT934X-12



CHT3546 Precision DC Resistance Tester



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