

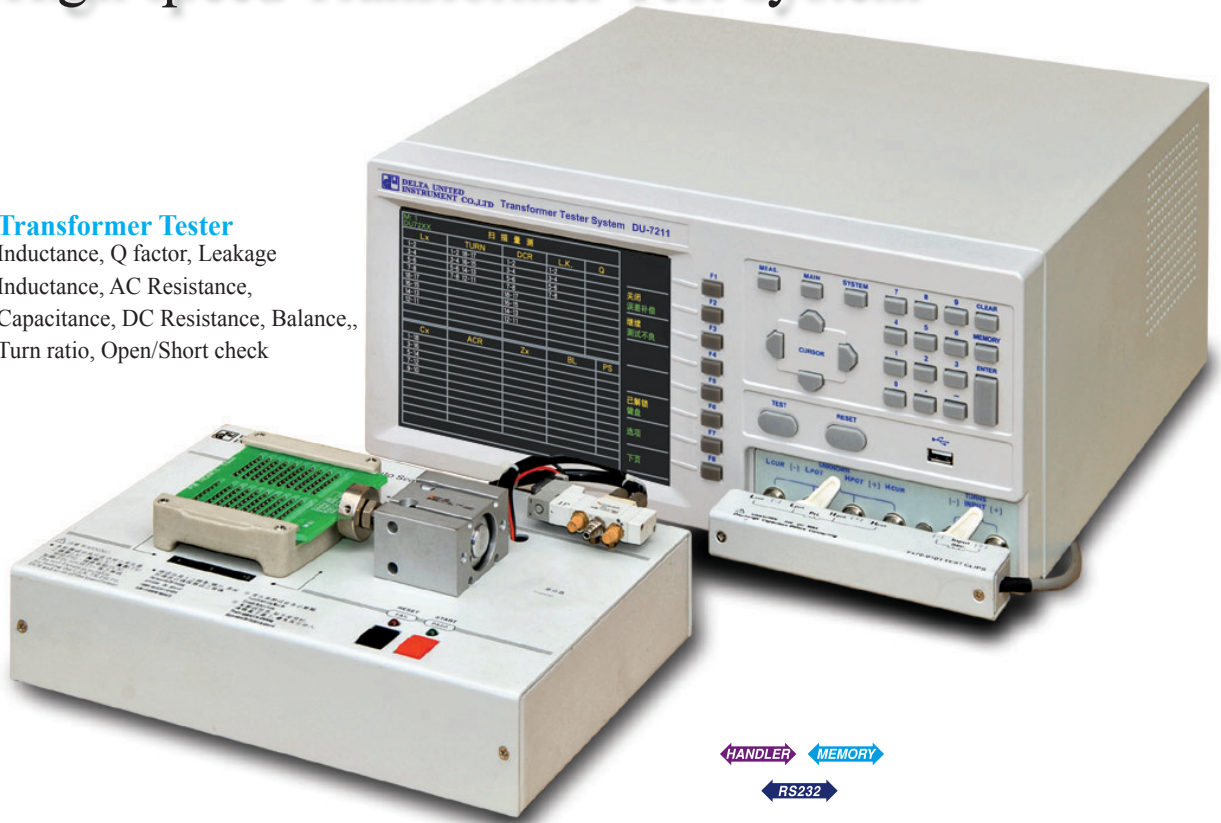


DU-7211 200KHz 20 pins

High-speed Transformer Test System

Transformer Tester

Inductance, Q factor, Leakage
Inductance, AC Resistance,
Capacitance, DC Resistance, Balance,
Turn ratio, Open/Short check



Advance Technology

Used high speed CPU & A/D with ARM system, provide high speed data calculation

High Quality

- With ISO9001 & CMC certifications in our factory
- Fully Used SMD component, provided high quality product to you
- All main components in international famous brand

Easy to use

User friendly interface, guiding software with 8 soft key, easy to input test setup data.

With English/Chinese language display interface. Text and background color change allow as you need.

DC Bias (Current)

Built-in 1~1000mA programmable DC Bias in current

One page show

DU-7200 series provide 800*600 colorful LCD display screen, you can read test data in one page Older tester used 320*240 small screen, when you setup test data or read test result, you need change page over and over again, difficult to learn and operating. And, it was limited under 4 sets primary coil. DU-7200 series using coil winding in basic unit when setup, no more primary coil sets limit, and show all test result data in one page screen(100 test data in one page), with in 800*600 color display, you can easier to setup test data and mark failure item(s).

Relay

- Using high speed response miniature relays imported from Japan, provide long MTBF
- DU7200 series provided self-scan function in relay & scanning box, easy to maintain

Fully Automation Support

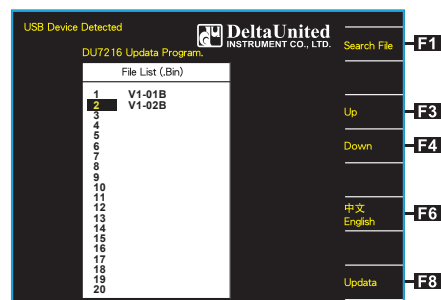
- Built-in handler interface, easy to control when you setup automation tes system
- Built-in RS-232C port and provide PC software to collect test data to analysis, easy to exchange to MS

Excel data format

- Independent Scan I/O signal Provide 4 sets independent PASS/FAIL signal, easy to control for judgement

USB firmware Upgrade

DU-7200 series provided the USB upgrade for firmware, no cover open, no tool, just USB drive, saving maintenance cost and increase effective. Via Internet, our R&D team always stand by your side.



Specifications

Model	DU-7211		
Test Item	Turn Ratio, Phase, L, Q, Leakage L, ACR, Cp, DCR, Zx, Pin Short, Balance		
Test Voltage	Turn Ratio : 0.1V ~ 10V, ±10%, Resolution : 100mV ±5% Other : 0.01V ~ 2.5V, ±10%, Resolution : 100mV ±5%		
Frequencies	Turn Ratio : 1KHz ~ 200KHz, ±0.02% Other : 20Hz ~ 200KHz, ±0.02%		
Internal Impedance	Turn Ratio : 10Ω, ±5%, when level < 2V, 50Ω, ±5%, when level > 2V Other : Mode 1... 100Ω, ±5% Mode 2... Varies as range resistor, ±5%		
Measurement Range	L : 0.0001 μH ~ 1999.9H C : 0.0001 pF ~ 199.99 mF Z, R : 0.0001 Ω ~ 99.999 MΩ	Q : 0.01 ~ 1999.9 D: 0.0001 ~ 19.999 DCR : 0.01 mΩ ~ 99.999 MΩ	Turn : 0.01 ~ 1999.9 turns (Secondary voltage less than 100Vrms)
Measurement Accuracy	Turn Ratio / DCR : ± 0.5% , at 1KHz Basic L / C / R : ± 0.1%(at 1KHz/1V Basic)		
Speed	Slow:500ms, Medium:100mS, Fast:20mS		
Judgment	PASS / FAIL judgment of all test parameters PASS/FAIL judgment output from standard I/O interface		
Display screen	8 inch 800 x 600 dot-matrix TFT LCD display		
Memory	INT. : 100 memory EXT. : USB 400memory.		
Internal DC Bias	Current Built-in 1~1000 mA programmable DC Bias in current		
Interface	Cr72-RSHD: RS232/HANDLER combinatorial interface		
Correction	Open / Short zeroing, Load correction, Load calibration		
Trigger Mode	Internal, Manual, External		
Data records	Excel plug-in will provide test results into Excel 2010 version		
Other	Power Consumption: Temperature 10°C ~ 40°C · Humidity 10% ~ 90% RH		
	Operation Environment: 100 VA max.		
	Power: 115/230 V ±10%, 50/60 Hz		
	Dimensions : 380(W) x 170(H) x 360(D) mm Weight: Approx. 9 kg		
Scan box description			
Model	DU-7006		
Test point	20 pins		
Contact	4 - terminal contact		
Fixture	5mm pitch, 20 pins, test fixture		
Pushing device	Pneumatic/ Manual		
Trigger	START/STOP button control, Remote control START/STOP, Foot Switch control START		
Indicator	PASS / FAIL		
Signal	PASS / FAIL		
Storage	Temperature 10°C ~ 40°C Humidity 10% ~ 75% RH		
Dimension	Approx. 3.5kg		
Weight	Dimension (WxHxD) : 270 x 60 x 180 mm		
Fittings	Fx72-0101 Turn Ratio Test clips	Fx20-0501 SFoot control switch s	Fx70-XXXX Double-Transformer Fixture
			