

SCAN-415B Matrix

For Wayne Kerr models 3255 and 3260



- ◇ Model 415BT with 15-Kelvin measurement contacts
- ◇ Test of coils, transformers, and DUTs with a number of pins
- ◇ Supports Wayne Kerr Models 3255 and 3260
- ◇ Specialty relays with a tolerance of +/- 5 mOhm
- ◇ Measurement of LCR, number of turns with winding direction, Delta and other
- ◇ Very long life and very high repeatability
- ◇ Open/Short calibration up to 3 MHz
- ◇ USB interface control
- ◇ USB hardware signals START and PASS/FAIL
- ◇ VG64 A-C Kelvin pin header, connection board or connector
- ◇ MESCO View standard software, up to 25 test steps
- ◇ New Model 415BT replaces the model that has been in use for over 20 years 415T
- ◇ Customer-oriented requirements upon request

Mesco View Pro All Mode 3.83 22.02.2025 Demo - TestSpule.app

Display: **PASS**

Step	Description	Low-Limit	Result	High-Limit	Status
1		9.2 µH	11.523 µH	12.5 µH	PASS
2		10 µH	11.664 µH	12.0 µH	PASS
3	Ratio	1.1N	1.005	1.5N	PASS
4	Delta	1%	1.050%	4%	PASS
5	DIFF L	0 mH	121.000 mH	0 mH	PASS
6		11 µH	11.250 µH	12 µH	PASS
7		1 mH	1.230 mH	2 mH	PASS
8	Ratio	9	10.477	11	PASS
9		180 Ohm	184.348 Ohm	190 Ohm	PASS
10	Z	6 Ohm	6.648 Ohm	8 Ohm	PASS
11	RLC	2.40 uHm	2.22 uHm	3.30 uHm	PASS
12	RLC	25 mOhm	1.875 Ohm	100 mOhm	PASS
13	Tabo MPNS	11 N	11.500	12 N	PASS
14	NS	8 N	8.021	10 N	PASS

Buttons: Change, Delete, Invert, Show and Edit Break Text, LCR, TRANSFORMER, START, TEST, Calibration, Home

Specifications:

Relays: 2C Relay
 Volt: to 500VDC, 3260 Option
 Switching Current: 1A
 Strom: 1ADC, 3255/3260 Option
 Switching Time: 1.5ms
 Test time: 3*L, 1*RDC and 3*Turn Ratio = 4.5 Sec.
 Dimension: 28*20*8 cm
 Weight: 4 Kg

Tolerance from pin to pin

C ± 50pF
 L ± 1µH
 RDC ± 100mΩ

Repeat Measurement

RDC ± 5mΩ
 L ± 100nH

Connections:

USB, Start input, PASS/FAIL output



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