

# CERTIFICATE OF CALIBRATION



Certificate Number :  
MFT20-12345678  
Issued by : Meet (China) Ltd.  
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## MEET (CHINA) LTD.

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Kowloon, Hong Kong

Approved signatory

R.CHOU

HP CHEN

W PEN

QC PAN

Customer :

Date Received / Purchased :

Instrument : System ID : FAB1 Job Number :  
Description : Multifunction Tester  
Manufacturer : MEET Electronics Ltd.  
Model Number : MP-MFT20  
Serial Number : 123456

Environmental Conditions :

Temperature : 25°C+/-2°C Mains Voltage : 230V +/- 10V  
Relative Humidity : 55%, +/-20% Mains Frequency : 50Hz +/-1 Hz

Comments :

Device was allowed to stabilise prior to the calibration

Traceability information :

Instrument description	Serial Number	Certificate Number	Cal. Date	Cal. Period
3200B Electrical Test Equipment Calibrator, Transmille	M1471A18	35304	25/2/2022	52

This certificate provides traceability of measurement to recognised National Standards, and to the units of measurement realised at the National Physical Laboratory or other recognised National Standards laboratories

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This certificate complies with the requirements of BS EN ISO 10012:2003

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**Condition : Pass**

## Insulation

Applied Value (MΩ)	Voltage Setting (V)	Measured Value (MΩ)	Low Limit (MΩ)	High Limit (MΩ)
0.25	250	25	0.242	0.259
0.5	500	0.51	0.484	0.516
1	1000	1.007	0.969	1.031
10	250	10.02	9.699	10.31
10	500	10.03	9.699	10.31
10	1000	10.04	9.699	10.31

## Continuity

Applied Value (Ω)	Measured Value (Ω)	Low Limit (Ω)	High Limit (Ω)
1	1.03	0.95	1.05
10	10.03	9.68	10.32
100	100	97	103
1000	1020	970	1030
19.00k	19.02	18.41k	19.59k

## RCD Trip Test Current

MFT20 Range	Mains V	Measured Value (mA)	Low Limit (mA)	High Limit (mA)
30mA x ½	230	14.51	13.5	15
100mA x ½	230	48	45	50
100mA x 1	230	104.5	100	110
500mA x1	230	529	500	550

## High Current Loop Impedance

Applied Value (Ω)	Measured Value (Ω)	Low Limit (Ω)	High Limit (Ω)
0.52	0.52	0.47	0.57
2.52	2.49	2.41	2.63
18.52	18.6	17.93	19.11

## No Trip Loop Resistance

Applied Value (Ω)	Measured Value (Ω)	Low limit (Ω)	High Limit (Ω)
0.52	0.53	0.44	0.6
2.52	2.51	2.34	2.7
18.52	18.73	17.93	19.11
500.5	498	485	516
2000	√	Flashing Red LED + Beeper	