



# BEARING & TOOL CENTRE



## Head Office

1<sup>st</sup> Floor, Vyapar Bhavan, Kadia Kui,  
**Relief Road**, Ahmedabad - 380001.  
Ph:- 079 - 22160386, 65254835, 22134835  
Mobile : 7819819941, 9375706649

## Ahmedabad Branch

GF-B-14, Jayraj Complex, Nr. Soni ni Chawl,  
**Odhav**, Ahmedabad - 382415.  
Ph:- 079 - 22890202, 65458950, 65404657, 65400202  
Mobile : 7878825197, 7819819938, 9375706648

Website : [www.bearingtoolcentre.com](http://www.bearingtoolcentre.com), [www.bearingtoolscentre.com](http://www.bearingtoolscentre.com) | Email : [info@bearingtoolcentre.com](mailto:info@bearingtoolcentre.com)

## Our Sister Concern : RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

### Quotation

96 | Digital Insulation Tester - Make Metrix+ @ With 10% Discount

Model No	DIT 918	DIT 3125	DIT 3125 A	DIT 954
Rs.	4000	26000	26000	7200
Calibration	No	No	No	No
Catalog	Page No.- 2	Page No.- 2	Page No.- 3	Page No.- 4

### Terms & Conditions –

- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C for out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
- **Branch** – Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No.** 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.



Model Description	<b>Metrix+ DIT 918</b> Digital Insulation Tester	<b>Metrix+ DIT 3125</b> Digital Insulation Hi-Tester
Safety Standard	IEC 61010-1 CAT III 600V IEC 61010-031 (Test Wire) Pollution level 2	IEC 61010-1 CAT III 600V CAT I 5000V IEC 60529 (Ip 40) IEC 61010-031 (Test Wire) IEC 61326-1(EMC) Pollution level 2
Test Range	100V:0.0~199.9MΩ 250V:0.0~499.9MΩ 500V:0.0~999.9MΩ 1000V:0.0~19.9GΩ 2500V:0.0~49.9GΩ	500V:0.0~999MΩ 1000V:0.0~1.99GΩ 2500V:0.0~99.9GΩ 5000V:0.0~1000GΩ
Accuracy	±5%rdg±5dgt	±5%rdg±5dgt
DC/AC Voltage	30~600V	30~600V
Resolution	1.0V	1.0V
Overload Protect	AC 1200V/10sec	AC 1200V/10sec
With Stand V	AC 8320V/5 sec	AC 8320V/5 sec
Insulated Impedance	1000MΩ	1000MΩ
Max. Short Circuit Current	1.3mA	1.4mA
LCD Backlight	√	√
Timer	-----	√
Polarization Index	-----	√
Bargraph display	-----	√
DC Adaptor	-----	√
DAR	-----	√
USB	-----	√
Operating Temperature	0~50°C	0~50°C
Storage Temperature	-20~70°C	-20~70°C
APO	Auto Power Off	
Warning	Live wire warning system with audio sound	
Low Voltage Indication	√	√
Auto Discharge	√	√
Power	AA* 6 Battery	C* 8 Battery Alkaline
Size & Weight	125.4*174.6*69mm 550g.	153*213*95mm 1027g
Accessories	Instrument, Test wire ,Alligator clip, AA* 6 Batteries, Manual and carry case.	Instrument, Test wire, Alligator clip, C* 8 Alkaline batteries, USB Data Interface cable + Software, Manual and carry case.

### FEATURES

High voltage insulation testers are suitable for non-destructive measurement of insulation resistance in electrical systems, machines, transformers and cables. These testers are useful for preventive maintenance in the generation, transmission and distribution of electrical energy. Extra Large backlight LCD display 999 counts(1000 counts only at 1T is displayed.) Bargraph Max 36 point. Dual Power Compatible can be Operated on Batteries and on AC adapter



Model Description	<b>Metrix+ DIT 3125A</b>
	<b>Digital Insulation Hi-Tester (Dual Power Compatible)</b>
Safety Standard	IEC 61010-1 CAT III 600V CAT I 5000V IEC 60529 (Ip 40) IEC 61010-031 (Test Wire) IEC 61326-1(EMC) Pollution level 2
Test Range	250V ~ 950V:0.0~999MΩ // 1000V ~ 1950V:0.0~1.99GΩ 2000V ~ 3950V:0.0~99.9GΩ // 4000V ~ 5000V:0.0~1000GΩ
Accuracy	0~99.9GΩ ±5%rdg ±3dgt Above 100GΩ : ±20%
DC/AC Voltage	30~600V
Resolution	1.0V
Overload Protect	AC 1200V/10sec
With Stand V	AC 8320V/5 sec
Insulated Impedance	1000MΩ
Max. Short Circuit Current	1.4mA
LCD Backlight	✓
Timer	✓
Polarization Index	✓
Bargraph display	✓
DC Adaptor	✓
DAR	✓
USB	✓
Operating Temperature	0~50°C
Storage Temperature	-20~70°C
APO	Auto Power Off
Warning	Live wire warning system with audio sound
Low Voltage Indication	✓
Auto Discharge	✓
Power	C* 8 Battery Alkaline and AC Power adapter
Size & Weight	153*213*95mm 1027g
Accessories	Instrument, Test wire, Alligator clip, C* 8 Alkaline batteries, External Power Adapter, USB Data Interface cable + Software, Manual and carry case.



### Characteristics

- 2.1 DIT 954 is a electron controlled minitype instrument, there into, the high voltage insulation resistance tester has three insulation resistance for voltage test. **safety standard IEC61010**
- 2.2 The design is up to the following safety standard: IEC 1010  
89/336/EEC(electromagnetism compatibility, Nov, 1992, EMC)  
P73/23/EEC(product safety regulation: Nov, 6<sup>th</sup>, 1979, low-voltage regulation: Feb,19th, 1973)
- 2.3 Automatically release voltage function:
- 2.4 Be used for the insulation resistance of all kinds of electron equipment and insulation material, such as transformer、generator、cable、switch、electric equipment and so on. Be used for the maintenance、test and check of all the series of electric equipment.
- 2.5 Rated voltage variable  
DIT 954-- Rated voltage can be switched among 1000V, 2500V,5000V by knob switch.
- 2.6 High voltage indication  
There is the LED in the instrument(HV ON) indicating the high voltage work state.
- 2.7 Low battery indication.
- 2.8 Battery drive, removing the operation of hand-cranked generator.
- 2.9 3 1/2 digital display, reading clearly.
- 2.10 The measurement range for DIT 954 is 10MΩ~199.9GΩ.
- 2.11 Convenient operating and taking.
- 2.12 Strong carrying capability, output short circuit current is <2.0 mA.
- 2.13 Complete protecting circuitry, in case of voltage counterattack and output short circuit protection.
- 2.14 Can test AC Voltage 1V-750V, the frequency of AC Voltage is 40Hz-70Hz.
- 2.15 International fashion design, dustproof and damp proof, can be applied to outside operation.
- 2.16 Meter size : 170\*114\*64mm
- 2.17 Weight : 500g (Include battery )

### Technical specifications

Test condition: test temperature/humidity  
23 ± 5°C/45~75%RH;  
Low battery voltage indication;  
Insulation resistance:≥500MΩ(1000V);  
Voltage with stand :AC 2KV 50Hz 1minute;  
Operation temperature and humidity:  
0°C~40°C /Relative humidity 85% or less;  
This manual is just applied to this instrument,  
our company is entitled to modify it.

Basic Function	Range	Accuracy
Output Voltage	1000V/2500V/5000V	± 10%
Output Current	≥100MΩ	
Short circuit current	<2.0mA	
Accuracy of Measurement	10MΩ—200MΩ	± (3% +5)
	200MΩ—10GΩ	± (5% +5)
	10GΩ—200GΩ	± (10% +5)
Measure Range	1000V:10MΩ—20GΩ	
	2500V: 10MΩ—20GΩ	
	5000V: 10MΩ—200GΩ	
ACV	700V	± (0.1% +6)