

ITI : INSULATION TESTER

SPECIFICATIONS

TEST STANDARD	: IS 2992 - 1987
ACCURACY	: $\pm 5\%$ IN THE FIRST EFFECTIVE RANGE AND $\pm 10\%$ IN THE 2ND EFF. RANGE AS PER CLAUSE 9.1 OF IS 2992-1987
TERMINAL VOLTAGE SETTING AT INFINITY	: + 5% OF RATED VOLTAGE
VOLTAGE STABILITY AT INFINITY SPEED 160 TO 240 R.P.M.	: + 4% OR -2% OF TERMINAL VOLTAGE
RIPPLE CONTENT AT 160 R.P.M.	: LESS THAN 10% OF THE RATED VOLTAGE PEAK TO PEAK
HIGH VOLTAGE FLASH TEST	: WITHSTAND 2KV AC (rms) BETWEEN THE ELECTRICAL CIRCUIT AND THE HANDLE FOR ONE MINUTE
INSULATION RESISTANCE	: BETTER THAN 50 M OHMS AT 500V BETWEEN THE ELECTRICAL ELECTRICAL CIRCUIT AND THE CONTAINING CASE.
SIZE (HANDLE CLOSED)	: 178 x 122 x 126 mm (approx.)
WEIGHT	: 2 Kgs. (approx.)
STANDARD ACCESSORIES	: 1. A PAIR OF TESTING LEADS 1 METER IN LENGTH ALONG WITH INSTRUMENT 2. INSTRUCTION BOOKLET 3. TEST CERTIFICATE
OPTIONAL ACCESSORIES	: 1. A REXINE CARRYING CASE WITH STRAP 2. A SET OF TEST LEADS 3 METER LONG
ILLUSTRATION OF SCALE FULL SIZE	:

SELECT ANY RANGE FROM THE FOLLOWINGS :

RATED VOLTAGE	RATED RESISTENCE	MODEL NUMBER
100 V	0 - 20 M OHMS	ITI 102
	0 - 50 M OHMS	ITI 105

250 V	0 - 20 M OHMS	ITI 252
	0 - 50 M OHMS	ITI 255

500 V	0 - 100 M OHMS	ITI 5010
	0 - 500 M OHMS	ITI 5050
	0 - 1000 M OHMS	ITI 50100

1000 V	0 - 200 M OHMS	ITI 10020
	0 - 1000 M OHMS	ITI 100100
	0 - 2000 M OHMS	ITI 100200

SINGLE VOLTAGE WITH DUAL INSULATION RANGE CAN BE PROVIDED ON REQUEST.

DUAL VOLTAGE WITH DUAL INSULATION RANGE CAN BE PROVIDED ON REQUEST.

SERIES ITHV

SPECIFICATIONS

TEST STANDARD	: IS 2992 - 1987
ACCURACY	: $\pm 5\%$ IN THE FIRST EFFECTIVE RANGE AND $\pm 10\%$ IN THE SECOND EFFECTIVE RANGE AS PER CLAUSE 9.1 OF IS 2992-1987
TERMINAL VOLTAGE SETTING AT INFINITY	: + 5% OF RATED VOLTAGE
VOLTAGE STABILITY AT INFINITY SPEED 160 TO 240 R.P.M.	: + 4% OR -2% OF TERMINAL VOLTAGE
RIPPLE CONTENT AT 160 R.P.M.	: LESS THAN 10% OF THE RATED VOLTAGE PEAK TO PEAK
HIGH VOLTAGE FLASH TEST	: WITHSTAND 2KV AC (rms) BETWEEN THE ELECTRICAL CIRCUIT AND THE HANDLE FOR ONE MINUTE
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ILLUSTRATION OF SCALE FULL SIZE	:

SELECT ANY RANGE FROM THE FOLLOWING :

RATED VOLTAGE	RATED RESISTANCE	MODEL NUMBER
2500 VOLTS	0 - 2500 M OHMS	ITHV - 2525
	0 - 5000 M OHMS	ITHV - 2550
	0 - 10000 M OHMS	ITHV - 25100
	0 - 20000 M OHMS	ITHV - 25200
	0 - 50000 M OHMS	ITHV - 25500

5000 VOLTS	0 - 5000 M OHMS	ITHV - 5050
	0 - 10000 M OHMS	ITHV - 50100
	0 - 20000 M OHMS	ITHV - 50200
	0 - 50000 MW OHMS	ITHV - 50500
	0 - 100000 M OHMS	ITHV - 501000

SINGLE VOLTAGE WITH DUAL INSULATION RANGE CAN BE PROVIDED ON REQUEST.
DUAL VOLTAGE WITH DUAL INSULATION RANGE CAN BE PROVIDED ON REQUEST.