

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

INSULATION RESISTANCE : BETTER THAN 50 M OHMS AT 500V
BETWEEN THE 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 :



Test and Measurement Instruments C.C.

Tel: 011 683 4365

Fax: 011 583 4461

Email: t.m.i@iafrica.com

Website: www.instrumentsgroup.co.za

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.



Test and Measurement Instruments C.C.

Tel: 011 683 4365

Fax: 011 583 4461

Email: t.m.i@iafrica.com

Website: www.instrumentsgroup.co.za