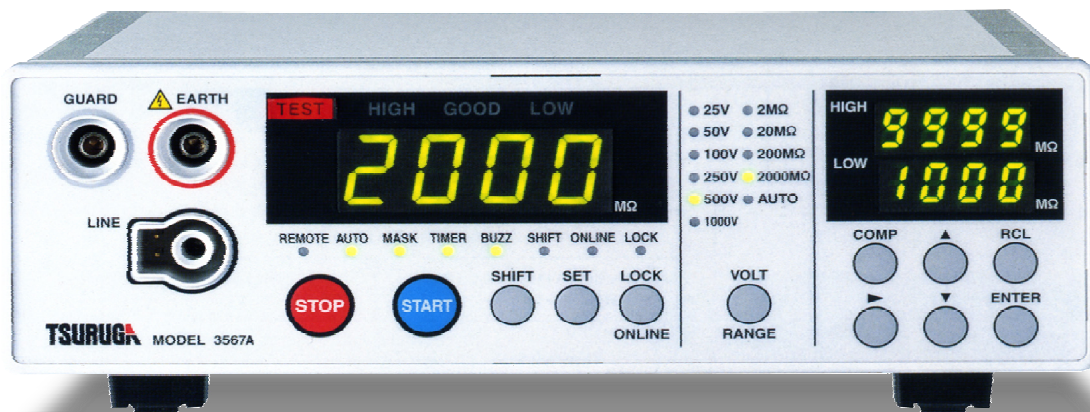


Digital M-Ohm Tester 3567A



Memory available for 10 patterns of test condition,
Emphasize the operability and responsiveness

6 Types of Test Voltage from DC 25V to 1000V

DC 25V to DC 1000V from one unit and memorize the test conditions of 10 patterns of test voltage, digital MΩ tester 3567A is an operation oriented tester that covers 6 types of test voltage from resistance range and comparison judgment value etc. The measurement data is collected with the optional communication function and possible to maintain and improve the quality of the product.

- 6 ranges of test voltage from DC 25V to 1000V.
- Front panel display of measured value, test condition at a glance.
- Judgment speed is 0.2s, reducing tact time.
- External control function for auto test instrument.
- High quality data output with BCD and serial communication etc.
- Output voltage : DC 25 / 50 / 100 / 250 / 500 / 1000 V
- Data output : BCD, RS-232C, RS-485
- With upper and lower limit comparator

Model

3567A -□ -□
 ① ②

① Data output

Symbol	Specifications
X	No data output
03	BCD output (TTL)
04	BCD output (open collector)
05	RS-232C output
06	RS-485 output

② Judgment output

Symbol	Specifications
TN	Open collector output (Standard)
RY	Relay output

Measurement range

Test Voltage	Resistance range	Accuracy		
		± (2% of rdg. + 3digit.)	±5% of rdg.	±30% of rdg.
DC 25 to 50 V	2.000 MΩ	0.000 to 2.000 MΩ	-	2.010 to 4.990 MΩ
	20.00 MΩ	1.80 to 20.00 MΩ	-	20.10 to 49.90 MΩ
	200.0 MΩ	18.0 to 100.0 MΩ	100.1 to 200.0 MΩ	201.0 to 999.0 MΩ
DC 100 to 250 V	2.000 MΩ	0.000 to 2.000 MΩ	-	2.010 to 4.990 MΩ
	20.00 MΩ	1.80 to 20.00 MΩ	-	20.10 to 49.90 MΩ
	200.0 MΩ	18.0 to 100.0 MΩ	100.1 to 200.0 MΩ	201.0 to 499.0 MΩ
	2000 MΩ	-	180 to 2000 MΩ	2010 to 9990 MΩ
DC 500 to 1000 V	20.00 MΩ	0.00 to 20.00 MΩ	-	20.10 to 49.90 MΩ
	200.0 MΩ	18.0 to 200.0 MΩ	-	201.0 to 499.0 MΩ
	2000 MΩ	180 to 1000 MΩ	1001 to 2000 MΩ	2010 to 9990 MΩ

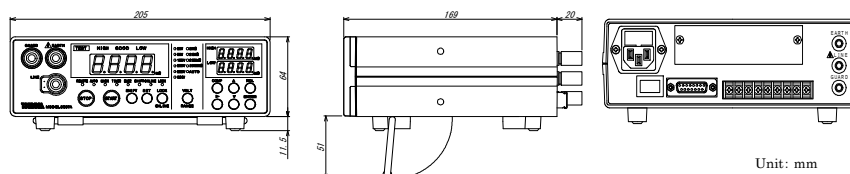
General specifications

- Standard application : Conforms to JIS C 1302-2002
- Open circuit voltage : Within 130% of the rated voltage
- Rated current : 1 mA
- Short current : Less than 15 mA
- Display : Measurement value display 0 to 9999
Green LED (character height 14.2 mm)
with zero suppression function
- Sampling period : Frequency setting During 50 Hz 50 times/s
Frequency setting During 60 Hz 60 times/s
- Response speed : During fixed range
Display response and judgment time About 0.07s
During auto range
Display response and judgment time About 0.15s
- Parameter retention : Storage and retention of parameter by EEPROM
Retention period of about 10 years
- Insulation resistance : Terminal bundle / External case, DC500V More than 100MΩ
- Withstand voltage : Terminal bundle / External case, DC2000V 1minute
Terminal bundle / measurement terminal
/ control input and output terminals
AC1500V 1 minute
measurement terminal / control input and output terminal
/ data input and output
AC1500V 1 minute
- Power supply : AC 100 to 240 V 50/60 Hz
- Power allowance range : AC 90 to 250 V
- Power consumption : About 20 VA (During AC 100 V)
- Operating environment : 0 to 50°C, less than 90% RH (Non-condensing)
- Storage environment : -20 to 70°C, less than 70%RH (Non-condensing)
- Weight : About 1 kg
- Accessories : Power cord 1 pc., Fuse 1 pc.
Instruction manual 1no.
- Accessories : Earthing probe 5813-11, Line probe 5813-12
(Sold separately) Line probe with SW 5813-13

Standard functions

- Program memory function
The memory of measurement conditions of 10 patterns of measured voltage, resistance range, upper and lower limit value measurement etc. can be stored.
- Comparator function
Comparison method : Upper and lower limit value set independently, digital comparison
Comparison digit number : 4 digits
Upper / Lower limit value : 0 to 9999 Green LED (character height 7.6 mm)
Setting range : 0 to 9999 Decimal point setting allowed
Judgment conditions : Lower limit ≥ display value ... LOW judgment
Lower limit < display value < upper limit ... GOOD judgment
upper limit ≤ display value ... HIGH judgment
Judgment display : HIGH (red) / GOOD (green) / LOW (red)
Judgment output : Open collector output (standard)
Sink type DC30V 30mA max.
Relay contact output (optional)
Each 1a contact AC250V 1A (resistance load)
- Timer function (Test time and delay time setting)
Timer : 0.05 to 99.99 s
Mask timer : 0.03 to 99.99 s and OFF
- Switch lock function
Switch operation of the front panel is prohibited.
- Power frequency setting
Power frequency is set to 50 Hz or 60 Hz with key operation.
- Automatic discharge function
Electric charges charged in the test piece is discharged.
- Measurement mode
Manual operation : AUTO mode, CONTINUE mode
Remote operation : Remote1, Remote2

External dimensions



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