



The **Nvis 62T**, 5 digit and **Nvis 63T**, 6 digit are high speed, high accuracy, Digital Bench Top Multimeters that meet the measurement needs of voltage-current and resistor accurate measurements. Their outstanding performances, such as fast reading rates (Max. 45 Readings/Second) and DC voltage measurement accuracy up to 0.005% provide a high standard in your work bench.

## Features

- ▶ 12 different measurement capabilities
- ▶ DCV/ACV, DCI/ACI, W2 W/W4 W, Frequency/ period Diode Test /continuity- dB/dBm etc.
- ▶ High brightness vacuum fluorescent dual display
- ▶ True-rms AC voltage and current measurement, Frequency bandwidth up to 100KHz/300KHz
- ▶ DCV measurement accuracy up to 0.01% / 0.005, resolution; 1mV/0.1JL/V
- ▶ Max. measurement rate: 45 results per second
- ▶ Equal accuracy frequency measurement greater than 1MHz, Min resolution 10MHz
- ▶ Zeroing (REL) mode
- ▶ 2W, 4W Resistance measurement
- ▶ Build in mX + b, %, dB, dBm etc. mathematics calculation function
- ▶ 512 reading storage and MAX/ MIN/ AVER/ STD statistics
- ▶ HI/ IN/ LO for speed sieving
- ▶ RS232 interface for easy communication and optional GPIB
- ▶ Calibration without opening the case
- ▶ 10 sets of meter status can be stored and loaded





### Technical Specifications

Test Parameter	(DCV), (ACV), (DOI), (ACI), (ACI), (W 2 W), (W 4 W), (FREQ), (PERI), (CONT), (DIODE).
Mathematics Calculation Function	mX + b, % dB, dBm, REL
Range	Auto, Manual
Display	VFD
Trigger	Mode
	INT/ MAN/ EXT
	Programmable Time Delay
	0 -6000mS
Reading Storage and Statistics	2 to 1024 sets of reading can be stored, loaded and counted Type of statistics : MAX. MIN. AVER. STD
Reading Hold	To give best stable reading for each of the Test Parameter according to the given accuracy
Limitation Measurement	To judge III. IN, LO and display with ALARM for 1 HI/LO
Storage setting	10 setting files can be stored loaded
Calibration	Recommended Fluke 5520A with NB 62 Accurate calibration software (option)
Communication Interface	GPIB (option), RS 232C. SCPI command programmable

### Specifications

Accuracy : ± (reading % + full scale reading %)

### Full Scale Reading and reading Rate (Reading /Second)

Reading Rate	Slow		Medium	Fast	
	Nvis 62T	Nvis 63T			
Full scale Reading	119,999	1.99,999	119,999	11,999	
Reading rate (reading /Sec.)	DCV, DCI	3.7	2.3	24	45
	ACV, ACI	2.3	1.5	4.5	24
	W- 2W	3.7	2.3	21	36

### (DCV)

	Range	Min. Resolution	Max. Accuracy (One year)
Nvis 62T	100mV-1000V	1mV	0.010% + 0.0035%
Nvis 63T	100mV-1000V	0.1mV	0.005% + 0.0010%

### (DCI)

	Range	Resolution	Max. Accuracy (One year)
Nvis 62T	10mA-10A	0.1μA	0.050% + 0.010%
Nvis 63T	10mA-10A	10nA	0.005% + 0.005%

### (1kHz) (ACV)

	Bandwidth	Range	Min. Resolution	Max. Accuracy (One year)
Nvis 62T	10Hz-100kHz	100mV-750V	1μV	0.10% + 0.10%
Nvis 63T	5Hz-300kHz	100mV-750V	0.1μV	0.06% + 0.05%

### (ACI)

	Bandwidth	Range	Min. Resolution	Max. Accuracy (One year)
Nvis 62T	10Hz-10kHz	10mA-10A	0.1μA	0.25% + 0.0.8%
Nvis 63T	10Hz-10kHz	10mA-10A	10nA	0.15% + 0.06%

### (Ω2W Ω4W)

	Range	Measurement Current	Min. Resolution	Max. Accuracy Resolution(One year)
Nvis 62T	100Ω-100MΩ	0.7mA-1mA	1mΩ	0.030% + 0.005%
Nvis 63T	100Ω-100MΩ	0.7mA-1mA	100mΩ	0.015% + 0.002%

### (Frequency)

	Range	Voltage Sensitivity	Min. Resolution	Max. Accuracy (One year)
Nvis 62T	5Hz 1.1MHz	40mV <sub>rms</sub>	10mHz	0.005% + 0.002%

An ISO 9001: 2008 company

Marketed by :

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