

**MARTINDALE**  
ELECTRIC

Specificatio  
VT25/VT28  
Voltage Tester



#### Voltage Indicator

Maximum working voltage: 690V DC & AC rms  
Nominal voltage threshold indications: 12, 24, 50, 120, 230, 400, 690V AC/DC  
Nominal voltage threshold tolerance: Conforms to BS EN61243-3:2010  
Polarity indication: from 12V DC/AC rms  
Range detection: Automatic  
Response time: <1s at 100% of each nominal voltage  
Frequency range: DC, 16 to 400Hz  
Test current ( $I_n$ ): <3.5mA at 690V  
Duty ratio: 30s ON (operated) / 240s OFF (recovery)

#### LCD (VT28 only)

Voltage range: 10V to 690V (DC, 16 to 400Hz)  
Resolution: 0.1V  
Accuracy:  $\pm$  (3% + 5 dgts)

#### Single Pole Phase Test

Voltage range: 100 to 690V AC rms  
Frequency range: 50 to 60 Hz

#### Phase Rotation Test

Voltage range: 120 to 400V AC rms (phase to earth)  
Frequency range: 50 to 60Hz

#### Continuity

Resistance range: 0 to 500k $\Omega$  + 50%  
Overvoltage protection: 690V DC or AC rms

#### Environmental

Temperature: (operating) -10°C to 55°C,  
(storage) -20°C to 70°C, non condensing  
Humidity (operating & storage): Max 85% R.H.  
Altitude: up to 2000m

#### General

Power: 2 x 1.5V, AAA alkaline batteries (IEC LR03, NEDA 24A)  
Battery consumption: 80mA approx.  
Dimensions: 205(L) x 67(W) x 27(D) mm  
Weight packed: 130g approx.  
Includes: 2 x 1.5V AAA batteries, instructions

#### Safety

Conforms to BS EN61243-3:2010 CAT IV 600V, CAT III 1000V  
Class II, double Insulation  
Pollution degree: 2  
IP rating: IP64

#### EMC

Conforms to BS EN61326-1

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- Specialist Drummond Testers

**MARTINDALE**  
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Martindale Electric Company Limited  
Metrohm House, Penfold Trading Estate, Imperial Way,  
Watford WD24 4YY, UK

Tel: +44(0)1923 441717 Fax: +44 (0)1923 446900

E-mail: sales@martindale-electric.co.uk

Website: www.martindale-electric.co.uk

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