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Model 1361

Model 1361 - VXI Kilovolt 6.5 digit DMM



- 4 1/2 to 6 1/2 Digit Resolution
- DCV, ACV and Resistance Functions
- Optional DCI and ACI
- 1000 Readings/Second
- VXI Backplane Triggers
- SCPI Compatible Command Language
- Unique 1000 Volt rms Measurement
- Software Front Panel/Driver Diskette

Model 1361 is a message based, single width, C size card DMM conforming to the VXI specification 1.4. It provides DCV, ACV measurement capability to 1000Vrms and ohms with programmable resolutions between 4 1/2 and 6 1/2 digits and read rates up to 1000 per second. At high read rates where the system controller may limit the speed of continuous operation, an internal data store can be set to record a block of between 1 and 1000 readings. Additional options provide DCI and ACI functions to 2 amperes. Dual triggering is provided, using either an internal system trigger or an external TTL level through the use of the VXI backplane connectors.

To provide a totally floating input channel, it is essential to isolate the input buffer from the backplane power supplies. A unique low level DC to DC converter design achieves this, which coupled with the benefits of careful internal guarding, has produced extremely high isolation resulting in a common mode rejection ratio (CMRR) of > 146 dB, outperforming most conventional designs.

Switchable active filters together with a range of digital filtering > 20 dB of normal mode rejection (NMR) to line frequency interference. An additional > 54 dB is provided by programming the timing circuits of the 1361 to match either a 50 Hz, 60 Hz or 400 Hz environment

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Contact a member of the Test and Measurement support team.



tandmsupport@wavetek.com

Send us your suggestions or comments



WebTeam@wavetek.com



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