

# GRUNDIG *digimess*<sup>®</sup>

Test and measuring instruments

The Grundig *digimess*<sup>®</sup> range represents the future in low cost, sophisticated microprocessor controlled instrumentation. All models with the exception of the RF1000 can also be controlled by a pc using the standard RS232 or IEEE488 interfaces. Labview drivers are available for all products and multiple units can be controlled by RS232 using the SC600 System Controller and optional Soft workshop. Each *digimess*<sup>®</sup> unit can also be mounted in a 19" rack using the optional adapter kits.



**FG100**  
Function Generator

- 0.5Hz - 20MHz
- 0.05% accuracy
- Sine, square, triangle, ramp
- Frequency sweep 1ms-60s
- Microprocessor self test



**AFG100**  
Arbitrary function generator

- 0.01Hz - 12.5MHz
- 0.01% accuracy
- Sine, square, triangle, ramp, arb
- 8192 horizontal, 1024 vertical (10bit)
- Microprocessor self test



**TG100**  
Sine wave generator

- 1Hz - 1MHz
- 0.02% distortion, 600 ohm output
- mV, V, dB, dBV, dBm
- Frequency & level display
- Microprocessor self test



**UZ2400**  
Frequency counter

- 10Hz - 2.4GHz
- 2 measuring channels
- Period and totalize
- 50mVrms basic sensitivity
- Microprocessor self test



**UZ2500**  
Frequency counter

- 10Hz - 2.4GHz
- 3 measuring channels
- Period, totalize, ratio, interval
- 25mVrms basic sensitivity
- Microprocessor self test



**PN200**  
Dual power supply

- 2 x 0-20V 0.5A
- Independent, parallel & coupled
- Setting accuracy 0.05%
- Voltage and current display
- Microprocessor self test



**PN300**  
Triple power supply

- 2 x 0-30V 2.3A, 1 x 5V 2A
- Independent, parallel & coupled
- Setting accuracy 0.05%
- Voltage and current display
- Microprocessor self test



**PN400**  
Triple power supply

- 2 x 0-40V 4A, 1 x 0-6V 5A
- Independent, parallel & coupled
- Setting accuracy 0.05%
- Voltage and current display
- Microprocessor self test



**RLC100**  
RLC meter

- 0.5% accuracy
- Automatic measurement
- 4 line cable with Kelvin clamps
- Frequency 1kHz
- Microprocessor self test



**RLC200**  
RLC meter

- 0.2% accuracy
- Automatic measurement
- 4 line cable with Kelvin clamps
- Frequency 100Hz/1kHz
- Microprocessor self test



**RLC300**  
RLC meter

- 0.1% accuracy
- Automatic measurement
- 4 line cable with Kelvin clamps
- Frequency 50Hz/100Hz/1kHz/10kHz
- Microprocessor self test



**RF1000**  
RF millivolt meter

- 10kHz - 1GHz
- Voltage 1mV - 10V, 7 ranges
- Level -47dBm - +33dBm, 7 ranges
- Recorder output
- Maximum input 40V



**MV100**  
LF millivolt and distortion meter

- 5Hz - 88kHz
- Level, noise, distortion, frequency
- 10uV - 100Vrms input
- Autoranging
- Microprocessor self test



**DM100**  
Digital multimeter

- 4.5 digit display
- Basic accuracy 0.05%
- Auto/manual ranging
- True rms
- Microprocessor self test

Full technical data sheets available on request