

271 DDS FUNCTION GENERATOR WITH ARB HIGH PERFORMANCE FUNCTION GENERATOR

The 271 is a high performance function generator using Direct Digital Synthesis techniques. A wide variety of standard waveforms are provided and an arbitrary waveform capability allows it to be used to generate non-standard and user-defined waveforms. Extensive modulation capabilities make this a highly versatile signal source.

Features:

- High stability 10 MHz DDS function generator
- Arbitrary capability with storage for five user defined waveforms
- Multiple standard and complex waveforms recalled from internal memory
- Extensive modulation capabilities include sweep, AM, Gating, Trigger/Burst, FSK and Hop GPIB and RS-232 interfaces



Waveforms

Standard waveforms are sine, square, positive pulse, negative pulse, triangle, ramp up, ramp down. Additionally arbitrary waveforms, multi-level squarewaves, waveform hopping and pseudo-random noise can be generated.

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-271	Fluke-271	0.1 to 10 MHz Function Generator w/ Arb	1595.00
Accessories			
676-Y200H	Fluke-Y200H	RackMount Kit HalfRack 271/ 281	345.00
676-SW200ARB	Fluke-SW200ARB	Waveform Manager Plus software for 27X Generators	420.00

280 SERIES WAVEFORM GENERATORS

These universal waveform generators combine many generators in one instrument. Their extensive signal simulation capabilities include arbitrary waveforms, function generator, pulse/pulse train generator, sweep generator, trigger generator, tone generator, and amplitude modulation source.

Features:

- Choice of 1, 2 and 4 independent or linked channels
- 40 MS/s max. sampling speed
- 16 MHz function generator
- 10 MHz pulse generator
- Pulse train pattern generator
- Arbitrary waveforms of up to 65 k points
- Powerful modulation capabilities
- Built-in trigger generators
- Waveform Manager Plus for Windows® software
- Multiple standard waveforms recalled from internal memory
- RS-232 and GPIB interfaces



281 Model

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-281	Fluke-281	Channel 40 MS/s Arbitrary Waveform Generator	2125.00
Accessories			
676-Y200H	Fluke-Y200H	RackMount Kit HalfRack 271/ 281	345.00
676-Y200F	Fluke-Y200F	RackMount Kit FullRack 282/ 284	345.00

9040 PHASE ROTATION INDICATOR

The Fluke 9040 is effective for measuring phase rotation in all areas where three phase supplies are used to feed motors, drives and electrical systems. The Fluke 9040 is a rotary field indicator and can provide clear indication of the 3 phase via an LCD display and the phase rotation direction to determine correct connections. It allows rapid determination of phase sequence and has a voltage (up to 700 V) and frequency range suitable for commercial and industrial applications. The included test probes have a variable clamping range for safe contact, also in industrial sockets.

Features:

- 3 phase indication
- Indication of phase rotation
- Clear LCD display
- No battery required



MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-9040	Fluke-9040	Phase Rotation Indicator	249.95

983 PARTICLE COUNTER

The new Fluke 983 Particle Counter is the preferred choice for HVAC and IAQ professionals. From filter testing to IAQ investigations, the Fluke 983 is the portable solution for determining airborne particle concentrations. Use the Fluke 983 to immediately respond to occupant complaints, or as part of a comprehensive preventive maintenance program.

Features:

- Multifunction Vacuum Fluorescent Dual Display
- Simultaneously measure and display 6 channels of particle sizes, temperature and humidity
- Measure particle size down to 0.3 μm
- Selectable sample time, count data, programmable delay
- Store 5000 records of date, time, counts, relative humidity, temperature, sample volumes, alarms and location label
- Upload stored data to a PC with included software
- Compact, self-contained package allows for one-handed operation
- Intuitive, easy to use user interface
- Always ready to run, with no fluids to refill
- Backlit LCD for use in any lighting condition
- 8 hour rechargeable NiMH battery
- Protective holster

Model Includes:

- Certificate of Calibration (NIST)
- Windows-compatible software download utility
- DB9 to RS-232 adapter and cable
- Isokinetic probe
- Zero count filter
- High purity tubing
- 1/8 in. hose barb adapter
- Power supply
- Operation manual
- Hard molded plastic case



“Drop Ship Only”

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-983	983	Particle Counter	4495.00

971 TEMPERATURE HUMIDITY METER

Quickly take accurate humidity and temperature readings in the air. The Fluke 971 measures temperature, dew point or wet bulb from -20 °C to 60 °C (-4 °F to 140 °F) and measures relative humidity from 5 percent to 95 percent, ±2.5 percent RH.

Its 99-point data storage capacity means users can take multiple readings and store them for later analysis. The Fluke 971 Temperature Humidity Meter features a liquid crystal display with backlight and a low battery indicator. The unit operates on four AAA alkaline batteries. Temperature and humidity are key variables in determining the performance of HVAC systems and the comfort of building occupants. In addition, the accumulation of moisture can generate high humidity levels that foster the growth of bacteria and mold, which in turn can cause health problems, financial liability and costly remediation challenges.

With its pocket-size convenience and durability, the Fluke 971 gives HVAC technicians and building managers an accurate, simple tool to ensure HVAC systems are operating within specification. Industrial hygienists will find it useful for identifying conditions that encourage biological growth, and verifying that measures to control humidity are working.



Features:

- Backlit dual display of humidity and temperature
- 99 record storage capacity
- Ergonomic design with belt clip and protective holster
- Quick-response capacitance sensor with twist-open protective cover
- Compact and lightweight (190 g/6.7 oz)
- Temperature range from -20 °C to 60 °C (-4 °F to 140 °F)
- Measures dew point and wet bulb
- Relative humidity from 5 % to 95 %
- Min/Max/Avg data hold
- Low battery indicator

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-971	Fluke-971	Temperature Humidity Meter	209.99

68IS INTRINSICALLY SAFE NON-CONTACT HANDHELD INFRARED THERMOMETER

The 68IS model is available for the noncontact temperature monitoring needs of potentially explosive or flammable environments.

Optical resolution

The laser sighting system guides measurements to the right target and indicates the approximate center of the measurement area. (D:S = distance to spot using 90% encircled energy at focal point).

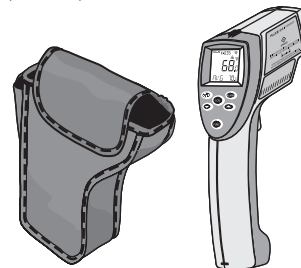
The 68IS (Intrinsically Safe) model is approved by Factory Mutual Research, a USA organization, for use in hazardous locations. Factory Mutual Research Intrinsically Safe approval, including probe (Intrinsically Safe, Class I, Division 1, Groups A, B, C, D Class 1, Zone 0, AEx ia IIC, T4 at 50 °C when used with 9 V alkaline battery.) Approval does not apply to atmosphere containing coal dust, grain dust, metal dust, or fibers.

Features:

- Laser guided sighting system for easy targeting with 1 % accuracy
- 12-point data logging
- Advanced optics to measure smaller targets at greater distances
- Adjustable emissivity for more accurate temperature measurements
- Selectable MAX, MIN, DIF and AVG functions that display values instantly with Hi/Lo Alarm
- Expanded measurement range up to 760 °C (1400 °F)
- Optional probe accessory available for dual contact and non-contact temperature measurements

Included with the Fluke 68IS:

- 9 V alkaline battery
- User Manual
- Durable hard case
- RTD Temperature probe



MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-68IS	Fluke-68IS	Intrinsically Safe	840.00
Accessories			
676-H6	H6	Infrared Thermometer Holster	35.75