

# FLUKE Precision Calibration Test Equipment

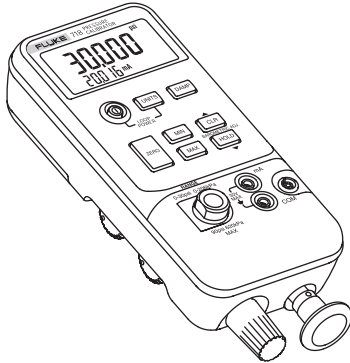


## FLUKE 718 PRESSURE CALIBRATOR

The Fluke 718 Pressure Calibrator is a complete, self-contained calibration solution.

### Features:

- Built-in pressure / vacuum hand pump, with vernier and bleed valve.
- New switch test function captures set, reset and dead band.
- Pressure measurement to 0.05% of full span, using an internal pressure sensor.
- Pressure measurements to 10,000 PSI, 700 bar using any of the Fluke 700Pxx Pressure Modules
- Current measurement with 0.025% accuracy and 0.001 mA resolution.
- Wide range of selectable measurement units for pressure.
- 24 volt loop power supply.
- Min-Max Hold and damp functions.
- 1/8 inch NPT female pressure fitting.
- Simple, push-button user interface.
- Compact size and weight.
- 3 year warranty.



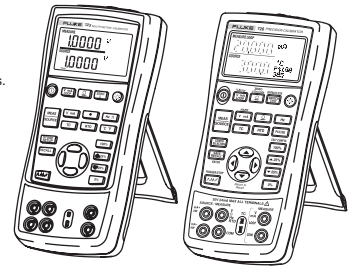
MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-718	718 10U	Pressure Calibrator 100 PSIG	1995.00
676-718-30	718 30US	Pressure Calibrator 30 PSIG	1995.00
<b>Accessories</b>			
676-TL220	TL220	SureGrip Industrial Test Lead Set	59.10
676-AC72	AC72	Alligator Clip Set	13.25
676-TL71	TL71	Test Lead Set	21.65
676-AC220	AC220	SureGrip Alligator Clips	30.10
676-C789	C789	Meter and Accessory Case	101.65

## FLUKE 725 MULTIFUNCTION PROCESS CALIBRATOR AND FLUKE 726 PRECISION MULTIFUNCTION PROCESS CALIBRATOR

The Fluke Multifunction Process Calibrators are powerful, yet easy-to-use field calibrators. Use the measure and source functions to test and calibrate almost any process parameter.

### Features:

- Small, streamlined shape makes it easy to carry.
- Rugged, reliable design stands up to field use.
- Easy to read measure/source screen lets you view input and output simultaneously.
- Measure volts, mA, RTDs, thermocouples, frequency and ohms to test sensors and transmitters.
- Source/simulate volts, mA, thermocouples, RTDs, frequency, ohms, and pressure to calibrate transmitters.
- Measure/source pressure using any of 29 Fluke 700Pxx Pressure Modules.
- Source mA with simultaneous pressure measurement to conduct valve and I/P tests
- Support flow meter testing with frequency and CPM functions.
- Perform fast linearity tests with auto-step and auto-ramp features.
- Power transmitters during test using loop supply with simultaneous mA measurement.
- Store frequently used test setups for later use.
- Backlight lets you work in poor light.
- Large battery capacity of four AA cells.
- 3 Year Warranty



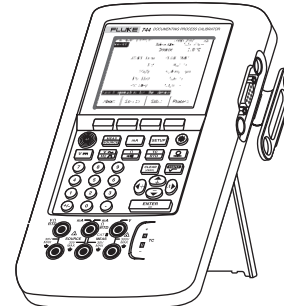
MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-725	FLUKE 725	Multifunction Process Calibrator	2095.00
676-726	FLUKE 726	Precision Multifunction Process Calibrator	2795.00
<b>Accessories</b>			
676-TL220	TL220	SureGrip Industrial Test Lead Set	59.10
676-AC72	AC72	Alligator Clip Set	13.25
676-TL71	TL71	Test Lead Set	21.65
676-AC220	AC220	SureGrip Alligator Clips	30.10
676-TL238	TL238	Test Lead Set for High Energy Environments	58.45
676-C125	C125	Soft Meter Case	32.00
676-TPAK	TPAK	ToolPak, Meter Hanging Kit	33.15
676-I1010	I1010	AC/DC Current Clamp (1000 A)	316.40
676-I410	I410	AC/DC Current Clamp (400 A)	194.65

## FLUKE 744 DOCUMENTING PROCESS CALIBRATOR - HART

The 744 is a power multifunction documenting calibrator that lets you download procedures, lists, and instructions created with software or upload-data for printing, archiving, and analysis.

### Features:

- Contains a powerful built-in HART® interface.
- Measure volts, mA, RTDs, thermocouples, frequency, and ohms to test sensors, transmitters and other instruments.
- Source/simulate volts, mA, thermocouples, RTDs, frequency, ohms, and pressure to calibrate transmitters.
- Power transmitters during test using loop supply with simultaneous mA measurement.
- Measure/source pressure using any of 29 Fluke 700Pxx Pressure Modules.
- Create and run automated as-found/as-left procedures to satisfy quality programs or regulations.
- Record and document results.
- Holds up to a full week of downloaded procedures and calibration results.
- Use many features like autostep, custom units, user entered values during test, one-point and two-point switch testing, square root DP flow testing, programmable measurement delay, etc.
- Easy to use.
- Three year warranty.
- Bright white dual display. Read both sourced and measured parameters simultaneously.
- Multi-lingual interface.
- Rechargeable NiMH battery for 10 hour uninterrupted use. Includes gas gauge.
- Handling of fast pulsed RTD transmitters and PLCs, with pulses as short as 1 ms.
- Delivered with DPC/Track Sample Software.
- Compatible with many Asset Management software packages.



### HART Capabilities

The 744 is designed to take on nearly all the day-to-day tasks you now perform with a separate communicator. In fact, it offers the communication capabilities of the 275 HART communicator. Requires no external box or second tool for everyday HART calibration and maintenance.

### Features:

- Offers fast HART communication.
- Supports popular models of HART transmitters, with more device-specific command support than any other HART field calibrator.
- Works with multiple masters, burst mode, and multi-drop configurations.
- Is easy to update as additional instruments are added and new HART versions are released.
- Interrogate to determine device type, manufacturer, model, tag.
- Reconfigure the sensor mapping of dual sensor temperature transmitters.
- Read HART PV function and smart transmitter digital output while measuring analog mA output.
- Read and write HART configuration functions to make field adjustments to PV range points, damping, and other top-level configuration settings.
- Re-label smart transmitters by reading and writing to the HART tag field.

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-744	744-120	Documenting Process Calibrator	5795.00
<b>Accessories</b>			
676-AC220	AC220	SureGrip Alligator Clips	30.10
676-C789	C789	Soft Meter Case	101.65

## FLUKE PRESSURE MODULES FOR CALIBRATORS

### Features:

- Display pressure readings in any of 10 different pressure units you specify in the calibrator setup.
- Rugged urethane molded case protects the module from rough handling and harsh conditions.
- Internal temperature compensation from 0°C to 50°C for full-accuracy performance.
- Includes NIST-traceable calibration certificate.
- Module can be calibrated locally using the Fluke 700PCK Pressure Calibration Kit, a PC, and a precision pressure source.
- One year warranty.

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-700P05	700P05	Pressure Module, 0-30 PSIG	1112.00
676-700P06	700P06	Pressure Module, 0-100 PSIG	1112.00
676-700P07	700P07	Pressure Module, 0-500 PSIG	1112.00
676-700P27	700P27	Pressure Module, 300 PSIG	1112.00
676-700P08	700P08	Pressure Module, 0-30PSIA	1112.00
676-700P09	700P09	Pressure Module, 0-100PSIA	1112.00
676-700PA5	700PA5	Pressure Module, 0-1000 PSIG	1282.00
676-700PA6	700PA6	Pressure Module, 1500PSIG	1282.00

