

accuracy. There are two oven options to choose from, one with an accuracy of $\pm 1 \times 10^7$, and one with an accuracy of $\pm 3 \times 10^8$ over the 0°C to 40°C temperature range.

Simple, Hands-Off Operation

All counter/timer models (7250A, 7260A, 7261A) feature AUTO ranging resolution. Simply select the desired measurement function, set the resolution switch to AUTO range, and the instrument will automatically choose the correct range for best resolution, position the decimal point properly, and light an annunciator LED indicating the units of measurement.

7220 Communications Counter

The 7220A gives you 10 Hz to 1300 MHz coverage via two separate channels. Channel A is for low-frequency applications (10 Hz to 125 MHz), where the loading of the signal source and the effects of high frequency noise must be minimized. Channel B has a 50 ohm input and is for signals from 100 MHz to 1300 MHz.

An ac-coupled, 1 megohm input and versatile front-end controls for Channel A let you measure signals having extremely high noise levels and still produce stable, accurate readings. A continuously variable $\times 1$ to $\times 10$ wideband attenuator plus switchable $1\times$ or $10\times$ attenuation lets you minimize noise without losing the signal. And a switchable 100 kHz low-pass filter solves the problem of high frequency contamination of audio frequencies. Used together, the attenuator and filter can solve most noise problems.

The resolution multiplier (Option -351) increases measurement resolution by a factor of 1000 for frequencies from 10 Hz to 10 kHz with out requiring any more measurement time. Resolution goes from 0.001 Hz for 10 Hz signals to 0.1 Hz for 10 kHz signals.

7250A Universal Counter/Timer

The 7250A measures frequencies to 80 MHz, time intervals down to 100 ns, and periods down to 100 ns with 1 ps resolution (in the average mode). In addition, it will measure the ratio of two signal frequencies, counts per minute, or totalize events to 9,999,999 counts.

A broadband, continuously variable, $\times 100$, analog attenuator lets you add just enough attenuation to minimize the input signal noise level and optimize the signal amplitude for counting. A switchable 100 kHz, lowpass filter solves the problem of high frequency contamination of audio signals. You can use the filter and attenuator separately or in combination to solve tough noise problems, like calibrating audio oscillators near high power rf transmitters. For timing measurements, there are \pm slope controls, fixed-offset trigger level switches, and a separate/common switch at your fingertips.

7200 Series Counters

Frequency measurement to 1300 MHz

Single-shot time intervals to 10 ns

Autoranging resolution for simple operation

100 kHz low-pass filter

Fully EMI shielded

Ovenized accuracy with battery portability

The 7200 Series consists of four counters, capable of measuring frequencies up to 1300 MHz, packaged in the versatile Portable Test Instrument case.

The 7220A Communications Counter provides frequency measurements to 1300 MHz. The 7250A Universal Counter/Timer is the lowest priced member of the family, and offers frequency, period, time interval, and totalizing measurements up to 80 MHz. The 7260A offers these same features, plus trigger hold-off and an optional Channel C for frequency measurements to 1300 MHz. The top-of-the-line 7261A adds increased resolution through a 100 MHz timebase, and offers a phase modulated time base to ensure valid time interval averaging of clock-synchronous signals.

The PTI Concept

The Fluke-developed Portable Test Instrument (PTI) packaging concept allows you to easily configure low-cost, convenient mini-test systems using the Fluke 1120A IEEE-488 Translator. A number of compatible Fluke instruments can be interfaced using the 1120A, including counters and voltmeters. With the 1120A, any PTI instru-

ment cluster may be operated in a GPIB/IEEE-488* system. The unique stack-and-latch design makes them easy to carry; requires less rack space, too.

Low Susceptibility, Minimal rf Radiation

A lightweight, interval stainless steel shield completely surrounds the instruments and mates with the metal front and rear panels to provide an rf enclosure meeting most requirements of MIL-STD-461. This means low susceptibility in high rf environments, as well as minimal radiated energy to interfere with nearby rf-sensitive equipment.

Portable Counters With Ovenized Accuracy

For applications demanding the best possible accuracy, ovenized timebase oscillators are available. These oscillators consume such low power they can be used when the counters are operating from batteries. When you go out on a field assignment you can switch to battery power and keep the oscillator warm and standing by for instantaneous use with laboratory stability and

*The terms GPIB and IEEE-488 may be used interchangeably throughout this catalog.

Benchtop Timer/Counters

7200 Series

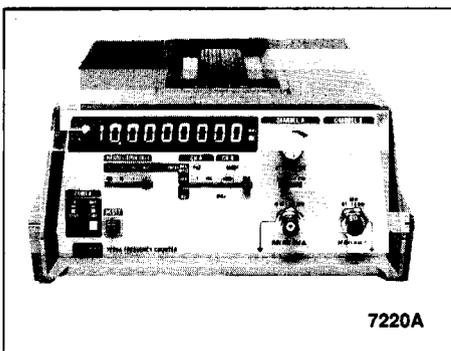
7260A & 7261A Universal Counter/Timers

The 7260A and 7261A will measure frequencies to 125 MHz, or (optionally) to 520 MHz or 1300 MHz, with a 50Ω channel (Channel C).

The instruments are essentially alike except the 7261A has a 100 MHz clock, with a corresponding basic resolution of 10 ns, and the 7260A has a 10 MHz clock, with 100 ns resolution. Both counters will make time-interval or signal-period measurement and will average from 10^0 to 10^5 such measurements per reading when greater resolution or accuracy is desired. That extends the resolution of the 7261A to 31.6 ps for time-interval measurements or to 0.1 ps for period measurements. In addition, the 7261A is available with a unique phase-modulated time-base option to assure averaging out small consistent errors.

A broadband attenuator lets you select 1x, 10x or 100x attenuation to minimize interference from signal noise and to trigger near the peak of high amplitude signals. And a switchable 100 kHz low-pass filter solves the problem of high frequency contamination of audio frequency signals. The signal may be dc coupled or ac coupled and either + or - slope of the sign may be selected for triggering. The Channel A and Channel B trigger level controls have a zero-volt preset position for easy triggering on sinewaves and other signals that cross the zero-volt level.

Trigger status lights tell when triggering is unstable, and the precise trigger level setting of both channels may be monitored at a rear panel connector. Also at the rear panel is a marker output — a gate signal that brackets each period or time-interval measurement. The marker is for use with an oscilloscope. The trigger level and marker outputs are for making accurate timing measurements such as the rise time and fall time of complex signals. A time interval hold-off control with a 1000:1 ratio (20 μs to 20 ms) delays the end of the marker gate to measure the precise portion of a signal.



7220A Specifications

Frequency Measurements

Channel A Range: 10 Hz to 125 MHz

Channel B Range: 100 MHz to 1300 MHz
Resolution: 0.1 Hz to 100 kHz in decade steps
Accuracy: ± 1 count \pm time base error*
Display: MHz
Burst Mode: Minimum burst equals gate time +40 ms

*See Time Base Characteristics chart

Channel A Input Characteristics

Bandwidth: 10 Hz to 125 MHz, ac-coupled
Sensitivity: 10 mV rms, 10 Hz to 50 MHz; 15 mV rms, 50 MHz to 100 MHz; 25 mV rms, 100 MHz to 125 MHz
Impedance: 1 MΩ, <60 pF
Filter: 100 kHz, low pass
Attenuator: x1 to x100; x1 or x10 fixed, plus x1 to x10 continuously variable
Maximum Input: 250V rms from 10 Hz to 5 kHz decreasing linearly from 250V rms at 5 kHz to 5V rms at 2 MHz; 5V rms from 2 MHz to 125 MHz

Channel B Input Characteristics

Bandwidth: 100 MHz to 1300 MHz
Sensitivity: 5 mV rms, 100 MHz to 600 MHz; 10 mV rms, 600 MHz to 1000 MHz; 40 mV rms, 1000 MHz to 1300 MHz
Impedance: 50Ω
VSWR: 2.5:1, maximum
Maximum Input: 5V rms



7250A Specifications

Frequency Measurements (CH A)

Range: 5 Hz to 80 MHz, ac coupled
Resolution: 0.1 Hz to 10 kHz, in decade steps
Accuracy: ± 1 count \pm time base error*

*See Time Base Characteristics chart

Period Measurements (CH A)

Range: 100 ns to 99,999.99 seconds
Frequency Range: 5 Hz to 1 MHz
Resolution: 10 ms to 100 ns in decade steps
Accuracy: ± 1 count \pm time base error \pm trigger error
Display: ms, or sec with decimal

Period-Average Measurements (CH A)

Range: 1 ps to 999,999.9 μs
Frequency Range: 5 Hz to 1 MHz, sinewave
Resolution: 100 ns to 1 ps in decade steps
Accuracy: ± 100 ns + N^* \pm time base error \pm trigger error $\pm N^*$
Display: μs or ms with decimal

* $N = 10^0$ to 10^5 in decade steps set by resolution switch. Indicates the number of periods averaged in period average mode, the number of intervals averaged in time interval average mode, or the number of cycles of B averaged in ratio mode.

Time-Interval Measurements (CH A/B)

Range: 100 ns to 99,999.99 sec
Frequency Range: 5 Hz to 1 MHz
Resolution: 100 ns to 10 ms in decade steps
Accuracy: ± 1 count \pm time base error \pm trigger error
Display: ms or sec with decimal

Totalize

Range: 5 Hz to 80 MHz for channel A
Count Capacity: 9,999,999
Display: Digits only, no decimal or annunciator

Ratio Measurements

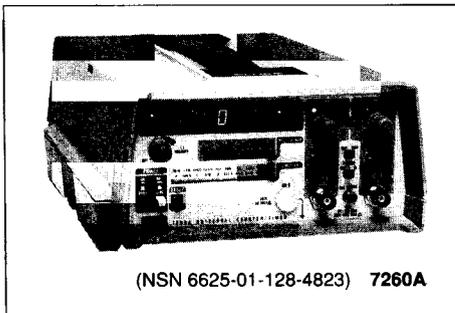
Range: 5 Hz to 80 MHz for channel A, 5 Hz to 1 MHz for channel B
Resolution: \pm frequency of B + (N^* x frequency of A)
Accuracy: \pm Resolution \pm (frequency of B x trigger error of B + N^*)
Display: Digits with decimal, no annunciator

Counts Per Minute (cpm x 200,* CH A)

Range: 5 Hz to 80 MHz
Count Time: 600 ms (1/100 minute)
Resolution: 100 cpm, fixed
Accuracy: ± 1 count \pm time base error
Display: Digits only, no decimal or annunciator
*Reads RPM direct of 100-tooth wheel/sensor

Channel A & B Input Characteristics

Selection: Separate or A connected to B (Sep/Com)
Sensitivity: 10 mV rms 5 Hz to 50 MHz; 25 mV rms 50 MHz to 80 MHz
Impedance: 1 MΩ, 50 pF, nominal
Coupling: AC only
Attenuator: x1, x100, continuously variable
Filter: Low pass, 100 kHz 3 dB point, nominal
Trigger Level: +150 mV, 0V, or -150 mV, 0V or -150 mV, switch-selectable
Maximum Input: 100V rms 5 Hz to 45 Hz; 250V rms 45 Hz to 50 kHz decreasing to 5V rms at 1 MHz to 80 MHz



(NSN 6625-01-128-4823) 7260A



(NSN 6625-01-106-0453) 7261A

7260A & 7261A Specifications

Technical Specifications

Frequency Measurements (Channel A)

Range: 0 Hz to 125 MHz
Resolution: 0.1 Hz to 10 kHz, in decade steps
Accuracy: ± 1 count \pm time base error*
Display: kHz or MHz with decimal
 *See Time Base Characteristics chart

Frequency Measurements, Channel C Option (-310 or -331)

Range: 50 MHz to 520 MHz (Option -310); 100 MHz to 1300 MHz (Option -331)
Resolution: 0.1 Hz to 10 kHz, in decade steps
Accuracy: ± 1 count \pm time base error*
Display: kHz or MHz with decimal
 *See Time Base Characteristics chart

Ratio Measurements (A/B)

Range: 0 Hz to 125 MHz for channel A, 0 Hz to 2 MHz for channel B
Resolution: \pm frequency of B \div N* x frequency of A
Accuracy: Resolution \pm frequency of B x trigger error of B \div N*
Display: Decimal, no annunciator

Period Measurements (Channel A)

Range: 100 ns to 999,999.99 seconds for 7260A, or 10 ns to 99,999.999 seconds for 7261A

Frequency Range: 0 Hz to 2 MHz, sinewave
Pulse Width: ≥ 500 ns from 0 Hz to 100 kHz; ≥ 250 ns from 100 kHz to 2 MHz
Resolution: 10 ms to 100 ns in decade steps for 7260A, or 1 ms to 10 ns in decade steps for 7261A
Accuracy: ± 1 count \pm time base error \pm trigger error
Display: ms, or sec with decimal for 7260A, μ s, ms, or sec with decimal for 7261A

Period-Averaged Measurements (CH A)

Range: 1 ps to 9,999,999.9 μ s for 7260A; 0.1 ps to 999,999.99 μ s for 7261A
Frequency Range: 0 Hz to 2 MHz, sinewave
Pulse Width: ≥ 500 ns from 0 Hz to 100 kHz; ≥ 250 ns from 100 kHz to 2 MHz
Resolution: 100 ns to 1 ps in decade steps for 7260A; 10 ns to 0.1 ps in decade steps for 7261A
Accuracy: 100 ns \div N* \pm timebase error \pm trigger error \div N* for 7260A, or 10 ns \div N* \pm timebase error \pm trigger error \div N* for 7261A
Display: μ s or ms with decimal

*N = 10^0 to 10^5 in decade steps set by resolution switch. Indicates the number of periods averaged in period average mode, the number of intervals averaged in time interval average mode, or the number of cycles averaged in ratio mode.

Time-Interval Measurements (CH A/CH B)

Range: 100 ns to 999,999.99 sec, for 7260A, or 10 ns to 99,999.999 sec 7261A
Frequency Range: 0 Hz to 5 MHz, sinewave
Pulse Width: 250 ns, for 7260A, 210 ns for 7261A
Resolution: 100 ns to 10 ms in decade steps for 7260A, 10 ns to 1 ms in decade steps for 7261A
Accuracy: ± 1 count \pm time base error \pm trigger error
Display: ms or sec 7260A; μ s, ms, sec 7261A
Time Interval Holdoff: 20 μ s to 20 ms, continuously variable

Time-Interval-Averaged Measurements (CH A/CH B)

Range: 1 ns to 9,999,999.9 μ s for 7260A, or 0.1 ns to 999,999.99 μ s for 7261A
Frequency Range: 0 Hz to 5 MHz, sinewave
Pulse Width: 250 ns for 7260A, 210 ns for 7261A
Resolution: 100 ns \div \sqrt{N} * for 7260A, 10 ns \div \sqrt{N} * for 7261A
Accuracy: 100 ns \div \sqrt{N} * ± 10 ns \pm time base error \pm trigger error \div \sqrt{N} * for 7260A; 10 ns \div \sqrt{N} * \pm time base error \pm trigger error \div \sqrt{N} * for 7261A
Dead Time: 4 μ s
Display: μ s or ms with decimal

*N = 10^0 to 10^5 in decade steps set by resolution switch. Indicates the number of periods averaged in period average mode, the number of intervals averaged in time interval average mode, or the number of cycles of B averaged in ratio mode.

Totalize (CH A Gated by CH B)

Range: 0 Hz to 125 MHz for channel A, 0 Hz to 2 MHz for channel B
Count Capacity: 99,999,999
Display: Total count, no decimal or annunciator
Time Interval Holdoff: Range, 20 μ s-20 ms, continuously variable

Counts Per Minute (cpm x100, CH A)

Range: 0 Hz to 125 MHz
Count Time: 600 ms (1/100 minute)
Resolution: 100 cpm, fixed
Accuracy: ± 1 count \pm time base error
Display: No decimal or annunciator

Channel A & B Input Characteristics

Bandwidth: 0-125 MHz, dc coupled; 5 Hz-125 MHz, ac coupled
Selection: Separate or A connected to B (Sep/Com)
Sensitivity: 10 mV rms, 0 to 50 MHz; 25 mV rms, 50 to 100 MHz; 40 mV rms, 100-125 MHz
Minimum Pulse: 50 ns at 50 mV pk (7260A); 10 ns at 50 mV pk (7261A)
Impedance: 1 M Ω , 50 pF, nominal
Coupling: AC or dc
Attenuator: x1, x10, x100, switchable
Slope: < or —, switchable
Filter: Low pass, 100 kHz 3 dB point, nominal
Trigger Level Range: +1.5V to -1.5V
Linear Operating Range: +2.5V to -2.5V
Maximum Input: 100V rms 0 Hz to 45 Hz, 250V rms 45 Hz to 50 kHz decreasing to 5V rms at 1 MHz, 5V rms 1 MHz to 125 MHz

Channel C Input Characteristics Option (-310 or -331)

Bandwidth: 50 MHz to 520 MHz (Option -310); 100 MHz to 1300 MHz (Option -331)
Sensitivity: 10 mV rms (Option -310); 5 mV rms to 600 MHz, 10 mV rms from 600 MHz to 1000 MHz, 40 mV rms from 1000 MHz to 1300 MHz (Option -331)
Impedance: 50 Ω , 2.5:1 VSWR, maximum
Maximum Input: 5V rms, fused

Triggering

Trigger Level Output: ± 1.5 V level indicates dc trigger level set on either Channel A or B, switch-selectable
Trigger Status Indicators: Two per channel provide positive indication that the input signal is triggering the input amplifier and relative indication as to where on the signal the input amplifier is being triggered
Cont/Trig Mode: Rear panel switch activates external trigger mode for initiating a measurement

Benchtop Timer/Counters

7200 Series

Option Specifications

Battery Pack Option (-010)

Type: Nickel-Cadmium, size F
Operating Time (Typical): 7220A, 5.5 hours; 7250A, 3.5 hours; 7260A, 2.8 hours; 7261A, 2 hours

Charge Time: 16 hours at room temperature
Charge Protection: Thermistor-actuated shut down of charging circuit if battery temperature exceeds 65°C

Discharge Protection: Automatic low-voltage shutdown to prevent over discharge

Time Base Phase Modulation Option (-190) 7261A only

Description: Option insures valid time interval averaging of clock-synchronous signals by phase modulating internal time base

520 MHz Channel C Option (-310) (7260A, 7261A)

Range: 50 MHz to 520 MHz

Sensitivity: 10 mV rms

Input Impedance: 50Ω

VSWR: 2.5:1, maximum

1300 MHz Channel C Option (-331) (7260A, 7261A)

Range: 100 MHz to 1300 MHz

Triggered Mode: Handles bursts as short as 3.6 ms

Sensitivity: 5 mV rms to 600 MHz, 10 mV rms from 600 MHz to 1000 MHz, 40 mV rms above 1000 MHz

Input Impedance: 50Ω

VSWR: 2.5:1, maximum

Maximum Input: 5V rms, fuse protected

Resolution Multiplier Option (-351) (7220A only)

Description: Frequency-locked loop circuit designed to increase low frequency resolution 1000 times

Range: 10 Hz to 10 kHz

Lock Time: 1.5 seconds

Resolution: 0.0001 Hz to 0.1 Hz in decade steps

Accuracy: ±2 counts ± time base accuracy*

*See time base characteristics for time base accuracy

Data Output Option (-521)

Type: Serial BCD output of all digits and measurement units

Levels: TTL, "1" state low

Time Base Characteristics

Characteristics	Option			
	Standard	-112 TCXO	-131 Oven	-132 Oven
Frequency	10 MHz	10 MHz	10 MHz	10 MHz
Aging Rate (Const Temperature)	±5x10 ⁻⁷ /mo	±3x10 ⁻⁷ /mo ±1x10 ⁻⁶ /yr	±1x10 ⁻⁷ /mo*	±5x10 ⁻⁸ /mo* ±3x10 ⁻⁹ /day*
Temperature Accuracy (0°C to 40°C)	<5x10 ⁻⁶ **	±2x10 ⁻⁶	±1x10 ⁻⁷	±3x10 ⁻⁸
Line Variation (±10% change)	±1x10 ⁻⁷	±2x10 ⁻⁸	±2x10 ⁻⁸	±4x10 ⁻⁹
Battery Operation	±1x10 ⁻⁷	±2x10 ⁻⁸	±5x10 ⁻⁸	±1x10 ⁻⁸
Warm-up***				
10 Minutes	—	—	±5x10 ⁻⁷	±5x10 ⁻⁷
20 Minutes	—	—	±3x10 ⁻⁸	±3x10 ⁻⁸

* After five days of continuous operation

** Peak-to-peak variation over temperature range

*** Compared to frequency 24 hours after turn on

(1) Time base error is the sum of all errors specified for the particular time base (see time base specifications)

(2) Trigger error is the measurement error caused by noise on the input signal triggering the input amplifier too early or too late, calculated as follows:

$$\text{Microseconds of trigger error} = \frac{2 \times \text{pk noise voltage (V)}}{\text{signal slope at trigger point (V/}\mu\text{s)}}$$

or Trigger error ±0.3% of one period divided by number of periods averaged for signals with better than 40 dB signal to noise ratio and 100 mV rms amplitude, whichever is greater.

Personality Card Option (-522K)

For 1120A IEEE-488 Translator. Part of Option -529

IEEE-488 Interface Option (-529)

Description: Interfaces to IEEE-488 via the Fluke 1120A IEEE-488 Translator. (Note: 1120A must be purchased separately.) Provides full measurement output capability as well as remote selection of all functions and ranges.

Repertoire: SH1, AH1, T5, L4, SR1, RL2, DC1, DT1

General Specifications

External Time Base Input

Frequency: 10 MHz, ac coupled

Sensitivity: 300 mV rms

Impedance: 1 kΩ, 30 pF, nominal

Maximum Input: 3V rms

Display: LED with leading zero suppression, decimal, and annunciators. 9-digits (7220A), 8-digits (7260A, 7261A), 7-digits (7250A)

Cycle Rate: Fixed 250 ms between readings

Reset: Reset button clears display, lights all display segments and, on release, activates a new measurement

Self Check: Counts and displays 10 MHz clock

Temperature: 0°C to 40°C, operating; -40°C to +70°C, non-operating

EMI: Internal metal RFI shield meets most requirements of MIL-STD-461, Notice 3

Safety: Designed to meet requirements of UL 1244 and IEC 348

Power: 100V, 120V, 220V or 240V ac ±10%, 47 to 63 Hz, 32 VA max

Size: 32.7 cm L x 20.3 cm W x 10.8 cm H (12.9 in L x 8.0 in W x 4.3 in H)

Weight: 3 kg (6.5 lb), 7250A, 7260A, 7261A; 3.2 kg (7 lb), 7220A

Included with instrument: Instruction manual, power cord, serialized and dated calibration certificate

Ordering Information

Models

January 1991 prices

7220A Communications Counter	\$ 1750
7250A Universal Counter/Timer	1660
7260A Universal Counter/Timer	1815
7261A Universal Counter/Timer	2100

Options

All options may be ordered with all models, except as indicated.

-010* Rechargeable Battery Pack	\$ 520
-111* 1 ppm TCXO (7220A)	230
-112* 2 ppm TCXO (7250A, 7260A, 7261A)	300
-131* Low Power Oven	490
-132* Superior Low Power Oven	630
-190** Time Base Phase Modulation (7261A)	225
-310* 520 MHz Channel C (7260A, 7261A)	465
-331*** 1300 MHz Channel C (7260A, 7261A)	825
-351* Resolution Multiplier (7220A)	125
-521* Interface w/PTI Cable	250
-522K Personality Card for 1120A	505
-529 ¹ IEEE-488 Interface	465

*Factory or Service Center installation only.

**Factory installation only.

***Not compatible with Option -010. Also factory option only.

¹The -529 Option can be ordered and installed at time of manufacture only. Includes parts needed to interface the 7260A or 7261A to IEEE-488 via the Fluke 1120A IEEE-488 Translator. Includes -521, -522K, and Y7203 2 ft ribbon cable. For existing instruments which do not have the -529 Option installed, an IEEE interface can be added by ordering -521 and -522K Options (1120A also required).

Accessories (Also see Section 18)

1120A IEEE-488 Translator	\$ 640
A53 Whip Antenna	45
Y7201 Attenuator/Filter	95
Y9111 Coaxial Cable, 50Ω, BNC to BNC 3 ft (0.93m)	25
Y9112 Coaxial Cable, 50Ω, BNC to BNC 6 ft (1.85m)	25
Y9103 50Ω BNC Feed-thru Termination	40
Y2014 5 ¹ / ₄ " Rack Panel PTI, Single	95
Y2015 5 ¹ / ₄ " Rack Panel PTI, Double	95
Y2020 DIN Panel Mount PTI	95
Y7203 PTI Ribbon Cable, 2 ft	55
Y7204 PTI Ribbon Cable, 5 ft	70
Manuals	
7220A Instruction* (PN 487488)	\$ 37
7250A Instruction* (PN 487496)	37
7260A Instruction* (PN 487504)	37
7261A Instruction* (PN 487512)	37

*No charge with purchase of unit

Customer Support Service

Warranty

One-year product warranty. See Section 17 for further information on warranty terms and conditions.

Extended Warranty

A 10% discount is available when you order the following at the time of the instrument purchase or when ordered within the factory warranty period.

SC1-7220A Repair	\$ 90
SC2-7220A Calibration	45
SC3-7220A Full Service	125
SC4-7220A Performance Verification-Plus	27
SC1-7250A Repair	95
SC2-7250A Calibration	45
SC3-7250A Full Service	130
SC4-7250A Performance Verification-Plus	27

SC1-7260A Repair	\$ 114
SC2-7260A Calibration	63
SC3-7260A Full Service	164
SC4-7260A Performance Verification-Plus	38
SC1-7261A Repair	138
SC2-7261A Calibration	63
SC3-7261A Full Service	186
SC4-7261A Performance Verification-Plus	38

Note: Incoming and/or outgoing calibration readings are available as an option.

Spare Parts

Recommended spare parts kits are available. Contact Replacement Parts Dept. at (800) 526-4731 in most of U.S.A., (206) 356-5774 from WA, for more details.