

Measurement and Control Subsystem Ordering Information (continued)

Product No./ Option No.	Description	Prerequisites		List Price	Qty	Total List Price
22915A-001	Verification Kit for 22915A (one required per facility where 22915A is installed)	22915A 22909A			—	—
<b>POWER SUPPLIES</b>						
62012E	12V, 6A power supply, handles up to 12 HP 22912A Relay Cards. (Wire for connection to HP 22912A supplied by user.)	22912A			—	—
62410A	Power Supply Tray for rack mounting. Holds 62012E or 62018A power supplies.	62012E/62018A			—	—
62415A	Rear panel for 62410A Tray with power plug	62012E/62018A			—	—
62411A	Front panel for 62410A Tray	62012E/62018A			—	—
62018A/E/G	18V, — A power supply handles up to 2 HP 22915A cards, E handles up to 12 HP 22915A cards, G handles up to 24 HP 22915A cards	22915A			—	—
22920A	Signal Conditioning Tray — includes one connector	22912A or 22913A or 22914A			—	—
Opt. 001	Adds Second Connector to Tray	22920A			—	—
<b>CABLES AND ACCESSORIES</b>						
22906A	Digital Input/Input Cable — unterminated at one end, 16 channels	Any one of 22902A, 22903A, 22904A, 22905A			—	—
Opt. 001	Adds Connector to unterminated end to connect to Teledyne Signal Conditioning (671P series — user supplied)	Any one of 22902A, 22903A, 22904A, 22905A			—	—
Opt. 002	Replaces Standard Cable with 16-channel Ribbon Cable with connector to HP Signal Conditioning Tray (22920A)	Any one of 22902A, 22903A, 22904A, 22905A			—	—
22907A	Analog Input Cable — unterminated at one end, 8 differential channels	22900A			—	—
Opt. 001	Adds Connector to unterminated end to connect to HP Signal Conditioning Tray (22920A)	22900A			—	—
Opt. 002	Replaces Standard Cable with 16-channel Single-Ended Cable — unterminated at one end	22900A			—	—
Opt. 003	Replaces Standard Cable with 16-channel Single-Ended Cable with connector to HP Signal Conditioning Tray (22920A)	22900A			—	—
22908A	Analog Output Cable — 4 channels, unterminated	22901A			—	—
Opt. 001	Adds Connector to unterminated end that connects to HP Signal Conditioning Tray (22920A)	22901A			—	—
22922A	General Purpose Screw Terminations	22900A thru 22905A			—	—

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Product No./ Option No.	Description	Prerequisites			Qty	Total List Price
2240A	Measurement and Control Processor with power supply, self-contained rack mount ears. Control card with HP-IB interface, AC power plug. <ul style="list-style-type: none"> <li>• HP 2240A Users Manual (02240-93001)</li> <li>• HP 2240A Installation and Service Manual (02240-93003)</li> <li>• HP 2240A Quick Reference Guide (02240-93005)</li> </ul>	HP-IB controller with HP-IB card and cable. 22909A (one per facility required for installation and analog calibration) and 22911A for bench top applications.			—	—
Opt. 001	Extended Performance Option <ul style="list-style-type: none"> <li>• HP 2240A User's Manual Supplement (02240-93007)</li> </ul>					
2241A	Measurement and Control Processor Extender with power supply, self-contained rack mount ears, cables to 2240A. Only one 2241A per 2240A.	2240A			—	—
<b>FUNCTION CARDS FOR 2240A AND 2241A</b>						
22900A	Analog Input Card – 16/32 channels	2240A/2241A and 22910A for calibration.			—	—
22901A	Analog Output Card – 4 channels, 10-bit DAC	2240A/2241A			—	—
22901B	Analog Output Card – 4 channels, 12-bit DAC	2240A/2241A			—	—
22902A	Digital Input Card – 32 channels, TTL/CMOS	2240A/2241A			—	—
22903A	Common Interrupt Card (Event Sense) – 16 channels, TTL/CMOS	2240A/2241A			—	—
22904A	Digital Output Card – 32 channels, Open Collector	2240A/2241A			—	—
22905A	Counter/Stepper Card – 4 channels; each channel can be counter, frequency measurement, period measurement or stepper output.	2240A/2241A			—	—
<b>SIGNAL CONDITIONING CARDS</b>						
22912A	Relay Output – 16 Form-C hermetic relays	22906A-002, 22904A and 22920A plus 12V power supply (HP 62012E or equivalent)†			—	—
22913A	Isolated Digital Input – 16 optically isolated and fused channels	22902A, 22905A, or 22903A and 22920A and 22906A-002			—	—
22914A	General Purpose Breadboard	22920A and associated cables and function cards (see pages 7 and 8)			—	—
22915A	Low Level Analog Input – 16 channels	22900A, 22915A-001, 22920A, plus and minus 18V power supplies (2 ea. HP 62018A or equivalent)			—	—

†Relay Output power supply and rack mounting Tray. Required for use with HP 22912A cards. Power supply tray may also be used to house power supplies for HP 22914A Breadboard Card.