

Ludlum Measurements 2008 Product List

<u>General Purpose Portable Meters</u>	<u>Part Number</u>
MODEL 3 Survey Meter	48-1605
MODEL 3A Survey Meter with Alarm	48-1408
MODEL 12 Ratemeter	48-1609
MODEL 14C Survey Meter	48-1611
MODEL 16 Analyzer	48-1612
MODEL 18 Analyzer	48-1613
<u>Specialized Portable Meters</u>	
MODEL 3-IS Intrinsically Safe Survey Meter	48-3581
MODEL 3-97 Survey Meter with Model 44-38	48-1410
MODEL 3-97EP Explosion Proof Survey Meter	48-1428
MODEL 3-98 Survey Meter with Model 44-3	48-1135
MODEL 25 Personal Radiation Monitor	48-3584
<u>Pocket Meters</u>	
MODEL 2401-EC Pocket Survey Meter	48-2824
MODEL 2401-ECA Alarming Pocket Survey Meter	48-2996
MODEL 2401-EC2 Pocket Survey Meter	48-2885
MODEL 2401-EC2A Alarming Pocket Survey Meter	48-2995
MODEL 2401-ECX Pocket Survey Meter	48-3124
MODEL 2401-EW End Window Pocket Survey Meter	48-2874
MODEL 2401-EWA Alarming End Window Pocket Survey Meter	48-2997
MODEL 2401-P Pancake Pocket Survey Meter	48-2875
MODEL 2401-S Scintillation Pocket Meter	48-3117
MODEL 2402 Alarming Pocket Survey Meter	48-3087
MODEL 2403 Pocket Survey Meter	48-3136
MODEL 2401 Series Belt Clip (Accessory)	4397-176
MODEL 2401 Series Handle (Accessory)	4397-165
MODEL 2401 Series Air and Watertight Case (Accessory)	2311119
MODEL 2401 Series Canvas Carrying Case (Accessory)	2310517
<u>Geiger Counters</u>	
MODEL 5 Geiger Counter	48-1607
MODEL 6 Geiger Counter	48-1676
<u>Ion Chambers</u>	
MODEL 9 Ion Chamber	48-1608
MODEL 17 Ion Chamber	48-1753
MODEL 9-3 Five Range Ion Chamber	48-3633
MODEL 195 Readout Unit	48-3233
MODEL 43-132 Alpha Ion Chamber	47-3234
<u>MicroR Meters</u>	
MODEL 12S MicroR Meter	48-1610
MODEL 12SA MicroR Alarm Meter	48-2621
MODEL 19 MicroR Meter	48-1615
MODEL 19A MicroR Alarm Meter	48-2117
MODEL 192 MicroR Alarm Meter	48-2945
MODEL 193 Alarming Survey Meter	48-2959
MODEL 193-6 Survey Wand	48-3063
<u>Portable Neutron Meters</u>	
MODEL 12-4 Neutron Counter	48-1200
MODEL 15 Neutron Counter	48-1614
MODEL 2363 Gamma Neutron Survey Meter w/ MODEL 42-41L PRESCILA Probe	48-3514

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<u>Stretch Scope</u>	<u>Part Number</u>
MODEL 78 Stretch Scope	48-2832
<u>Scaler/Ratemeters</u>	
MODEL 2221 Portable Scaler/Ratemeter, SCA	48-2065
MODEL 2224 Alpha Beta Scaler/Ratemeter	48-2494
MODEL 2224-1 Alpha Beta Scaler/Ratemeter	48-2679
MODEL 2241 Digital Scaler/Ratemeter	48-2444
MODEL 2241-2 Digital Scaler/Ratemeter	48-2731
MODEL 2241-3 Digital Scaler/Ratemeter	48-2864
MODEL 2241-3i Digital Scaler/Ratemeter	48-3358
MODEL 2242 Survey Meter	48-3437
<u>Data Loggers</u>	
MODEL 2350-1 Data Logger	48-2751
<i>Optional Programmable Terminal</i>	4334-066
<i>Optional Optical Wand Bar Code Reader</i>	2310325
<i>Optional Bar Code Scanner</i>	8303-522
MODEL 2360 Alpha Beta Data Logger	48-2872
<i>Optional Command Terminal</i>	4390-177
MODEL 702 Isotope Identifier	48-3643
<u>Portable Instrument Accessories</u>	
1 μ Ci 137Cs Check Source	01-5196
Check Source Holder	4062-166
Portable Scaler Option	4464-114
<i>New Units</i>	
<i>Existing Units (Serial numbers greater than 69769)</i>	
Overload Indicator	
<i>Portable Instrument with Light Modification</i>	4464-130
<i>Portable Instrument without Light Modification</i>	4464-153
Shoulder Strap with D Ring Clamps	4363-413
MODEL 196-1 Headset with Volume Control	47-2360
MODEL 196-1 Headset with Volume Control and Modification	47-2421
MODEL 196-3 Headset with BNC Connector	47-2911
MODEL 196-3 Hdset with BNC Connector, Vol. Control & Modification	47-1246
<u>Portable Instrument Accessories (cont.)</u>	
MODEL 196-11 Small Headset (only)	47-2826
MODEL 196-11 Small Headset with Modification	47-2853
Fiberglass Telescoping Handle (4' extendable to 8')	4085-184
Fiberglass Telescoping Handle (6' extendable to 12')	4085-185
Model CDV-700 Retrofit (Board only)	5397-179
Model CDV-700 Hardware Kit and Harness	4397-153
Pocket Dosimeters, Chargers & Personal Detectors MODEL AT138	51-2936
MODEL AT138S	51-2937
MODEL AT725	51-2939
MODEL AT909	51-2938
THE CHARGER	51-2940
MODEL K8 NUKE Safeguard	51-2949
<u>Emergency Response Kits</u>	
Model 14CRK with Model 44-9, Model 44-2	48-2653
Model 2241-2RK with Model 44-9, Model 44-2	48-2829
Model 2241-3RK with Model 44-9, Model 44-2, Model 133-7	48-3189

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<u>Cables</u>	<u>Part Number</u>
C Straight (39" or 5' long)	40-1004
C Coiled (18" - 4' long)	40-1005
BNC Straight (39" or 5' long)	40-1008
BNC Coiled (18" - 4' long)	40-1006
SHV Straight (39" or 5' long)	8303-134
SHV Coiled (18" - 4' long)	8303-521
MHV Straight (39" or 5' long)	40-1011
MHV Coiled (18" - 4' long)	8303-132
UHF Straight (39" or 5' long)	8303-263
UHF Coiled (18" - 4' long)	8303-520
Series C Tee Connector	13-7788
Series BNC Tee Connector	13-7769
Series C-BNC Adapter	13-7759
Series BNC - C Adapter	13-7768
<u>Carrying Cases</u>	
Airmold (small)	2310278
Airmold (medium)	2310330
Airmold (large)	2310327
Storm (small)	2311062
Storm (medium)	2311063
Storm (large)	2311064
<u>Scalers/Ratemeters and Accessories</u>	
MODEL 2000 Scaler	48-1648
MODEL 2200 Scaler/Ratemeter Single Channel Analyzer	48-1651
MODEL 2929 Scaler with Model 43-10-1 Sample Counter	48-1245
MODEL 3030 Alpha/Beta Sample Counter	48-3204
MODEL 3030E Alpha/Beta Scaler	48-3448
MODEL 3030E Alpha/Beta Scaler w/ Model 43-10-1 Sample Counter	48-3456
MODEL 264 Printer (Model 200, 2929 Only)	48-1642
MODEL 2200 Printer Option	4167-386
<u>Alarm Ratemeters</u>	
MODEL 177 Alarm Ratemeter	48-1632
MODEL 177L Alarm Ratemeter	48-2840
MODEL 177-50 Alarm Ratemeter	48-1202
MODEL 177-61 Alarm Ratemeter	48-1382
<u>Counters</u>	
MODEL 4304 4-channel Detector SCA	48-3556
MODEL 4612 12 Detector SCA	48-3237
<u>Area Monitors</u>	
MODEL 375 Digital Area Monitor without Detector	48-2230
MODEL 375/2 Digital Area Monitor (0.1 mR/hr - 1 R/hr)	48-2410
MODEL 375/4 Digital Area Monitor (1 mR/hr - 4 R/hr)	48-2411
MODEL 375 Dual Digital Area Monitor	48-2369
MODEL 375-10 Digital Area Monitor (0.1mR/hr - 9999mR/hr)	48-3443
MODEL 375-600 Small Area Monitor	48-3458
MODEL 375-9 w/Model 45-9 Ion Chamber	48-3560
MODEL 271 Remote for Model 375	48-2475
MODEL 272 Remote with Analog Display for Model 375	48-2656
MODEL 272D Digital Remote for Model 375	48-3575

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<u>Model 375 Modification Options</u>	<u>Part Number</u>
MODEL 375 Ethernet Option	4396-579
MODEL 375 Camera, Camera Housing and POE Package	4396-904
MODEL 375 Camera	2311120
MODEL 375 Camera Housing	21-9068
Time /Date Stamp Firmware with Printer	4396-072
120 Vac Horn with relay and cable	4396-142
220 Vac Horn with relay and cable	4396-246
120 Vac Red Strobe with relay and 50' cable (3 pin conn)	4396-171
220 Vac Red Strobe with relay and 50' cable (3 pin conn)	4396-173
Form C Relay (3 pin conn)	4396-201
Form C Relay, Failsafe (3 pin conn)	4396-224
Mains Relay (3 pin conn)	4396-202
120 Vac Horn+Strobe+Relay+Cable	4396-267
220 Vac Horn+Strobe+Relay+Cable	4396-587
MODEL 375 Triple Relay Kit	4396-463
MODEL 375 Dual Relay - Connector Modification	4396-501
4-20mA Modification Kit	4396-258
Fiberglass Box for Model 375	4396-068
120 Vac for 375P-336_Horn+Strobe+Cable	4396-968
 <u>Model 375 Application Software</u>	
MODEL 375 Webpage and Service Software	1370-077
MODEL 375 Ethernet Software Application	1370-055
MODEL 375 Logging Software w/ Cable	4396-167
MODEL 375 Logging Software	1370-035
MODEL 375-32 Application Software	1370-042
 <u>Hand and Shoe Monitors</u>	
MODEL 4901P Pancake G-M hand and Shoe Monitor	48-3009
MODEL 49-12-1 Hand and Shoe Monitor	48-2502
MODEL 49-12-2 Pancake Hand and Shoe Monitor	48-2513
 <u>Alpha Frisker</u>	
MODEL 215 Alpha Frisker	48-3531
MODEL 215-20 Charging/Calibration Stand	48-3567
 <u>Portal Monitors</u>	
MODEL 52 Portable Portal Monitor with Carrying Case	48-2471
MODEL 52-1 Portable Portal Monitor with Carrying Case	48-3172
MODEL 52-1-1 Portable Portal Monitor with Carrying Case	48-3258
MODEL 52-5 Portable Portal Monitor with Carrying Case	48-3393
MODEL 52-5-1 Portable Portal Monitor with Carrying Case	48-3571
MODEL 53 Portal Monitor	48-3151
MODEL 53-1 Portal Monitor	48-3150
 <u>Air Monitor</u>	
MODEL 333-2 Beta Air Monitor	48-1430
 <u>Laundry Monitor</u>	
MODEL 329-32 Laundry Monitor	48-2113

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Floor Monitors

	<u>Part Number</u>
MODEL 239-1F Floor Monitor with Model 12	48-1702
MODEL 239-1F Floor Monitor with Model 2221	48-2085
MODEL 239-1F Floor Monitor with Model 2350-1	48-2594
MODEL 239-1F Floor Monitor with Model 2224	48-2650
MODEL 239-1F Floor Monitor with Model 2360	48-2922

Pulsers

MODEL 500 Pulser	48-1677
MODEL 500-1 Pulser	48-1166
MODEL 500-2 Pulser	48-1340

Waste Monitors

MODEL 375P-336 Area Monitor	48-3285
MODEL 375-30 Digital Waste Monitor	48-2601
MODEL 375-20 Digital Waste Monitor	48-3245
The following accessories are for the Models 375P-336, 375-30, and 375-20 only	
<i>Date/Time Printer with cable</i>	4396-072
<i>Model 375 Logging Software</i>	4396-167
<i>5" Diameter Red Strobe with 50' cable (110 Vac)</i>	4396-171
<i>5" Diameter Red Strobe with 50' cable (220 Vac)</i>	4396-173
MODEL 271-2 Remote for Model 375P Systems	48-3536
MODEL 3530 Waste Monitor	48-2312
MODEL 3532 Waste Monitor	48-2483
MODEL 3534 Waste Monitor	48-2477

Gate Monitors

MODEL 3500-1000 Gate Monitor	48-3046
MODEL 4525-7000 Gate Monitor	48-3605
MODEL 4525-10500 Gate Monitor	48-3606
MODEL 4525-14000 Gate Monitor	48-3607
MODEL 4525-17500 Gate Monitor	48-3608
MODEL 4525-21000 Gate Monitor	48-3609
MODEL 4525 Detector Only	4511-338
220Vac Converter Kit (required for all 220Vac mains power)	4396-876
The following are included Model 4525 Series Accessories	
Model 4525 Remote	4511-207
The following are optional Model 4525 Series Accessories	
Model 4525 Software (required if customer supplies computer)	1370-068
Model 4525 2 Detector Stand Set	4384-850
Model 4525 3 Detector Stand Set	4384-1003
Model 4525 4 Detector Stand Set	4384-849
Model 4525 6 Detector Stand Set	4511-462
Model 4525 Horn/Strobe	4384-880
Wireless Option	4511-446
Camera / POE at system computer (Camera / POE at detector requires option box in addition to camera)	4511-448
Option Box	4511-440
	4511-448

System installation supervision and operator training required on all 4525 models
Includes final termination of all wiring, system turn-on, diagnosis, testing, set up, and operator training

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<u>Alpha Detectors</u>	<u>Part Number</u>
MODEL 43-1 Alpha Scintillator	47-1516
MODEL 43-2 Alpha Scintillator	47-1517
MODEL 43-5 50 cm2 Alpha Scintillator (rectangular)	47-1521
MODEL 43-40-2 188 cm2 Alpha Air Proportional Detector	47-3434
MODEL 43-40-3 253 cm2 Alpha Air Proportional Detector	47-3435
MODEL 43-44 50 cm2 Alpha Air Proportional Detector	47-1169
MODEL 43-44-1 100 cm2 Alpha Air Proportional Detector	47-2385
MODEL 43-65 50 cm2 Alpha Scintillator (square)	47-1441
MODEL 43-90 100 cm2 Alpha Scintillator	47-2448
MODEL 43-92 100 cm2 Alpha Scintillator	47-2555
<u>Alpha/Beta Detectors</u>	
MODEL 43-1-1 Alpha Beta Scintillator	47-2336
MODEL 43-2-2 Alpha Beta Scintillator	47-2003
MODEL 43-68 100 cm2 Gas Proportional Detector	47-2005
MODEL 43-89 100 cm2 Alpha Beta Scintillator	47-2430
MODEL 43-93 100 cm2 Alpha Beta Scintillator	47-2556
<u>Alpha/Beta/Gamma Detectors</u>	
MODEL 44-7 Thin End Window G-M Detector	47-1536
MODEL 44-9 Pancake G-M Detector	47-1539
MODEL 44-9-18 Telescoping Pancake G-M Detector	47-2940
MODEL 44-25 Pancake G-M Hand Frisker	47-1508
MODEL 44-26 Pancake G-M Foot Frisker	47-1509
MODEL 44-40 Shielded Pancake G-M Detector	47-1538
MODEL 44-40-2 Aluminum-Covered Lead-Shielded Pancake G-M Detector	47-2758
MODEL 44-88 Cylindrical Pancake G-M Detector	47-2356
MODEL 44-89 Square Cluster Pancake G-M Detector	47-2357
MODEL 44-94 Diamond Cluster Pancake G-M Detector	47-2390
<u>Beta/Gamma Detectors</u>	
MODEL 44-6 Thin Wall G-M Detector	47-1535
MODEL 44-21 Beta Gamma Scintillator	47-1560
MODEL 44-38 Energy Compensated G-M Detector	47-1588
MODEL 44-92 140 cm2 Xenon Gas Proportional Detector	47-2362
MODEL 44-98 BGO Scintillator for Beta and Gamma	47-2465
<u>Beta Detectors</u>	
MODEL 44-1 Beta Scintillator	47-1531
MODEL 44-110 100 cm2 Gas Proportional Tritium Detector	47-2585
MODEL 44-116 100 cm2 Beta Scintillator	47-2696
MODEL 44-142 100 cm2 Beta Scintillator	47-3161

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<u>Gamma Detectors</u>	<u>Part Number</u>
MODEL 44-2 1" X 1" NaI Gamma Scintillator	47-1532
MODEL 44-3 1" X 1 mm NaI Low Energy Gamma Scintillator	47-1533
MODEL 44-10 2" X 2" NaI Gamma Scintillator	47-1540
MODEL 44-11 2" X 2" NaI Integral Gamma Scintillator	47-1541
MODEL 44-17 2" X 2 mm NaI Low Energy Gamma Scintillator	47-1547
MODEL 44-20 3" X 3" NaI Integral Gamma Scintillator	47-1104
MODEL 44-62 1/2" X 1" NaI Gamma Scintillator	47-1238
MODEL 44-172 YSO Scintillator for Gamma and Beta	47-3543
MODEL 133-2 G-M Detector	47-1717
MODEL 133-2-1 Waterproof G-M Detector w/100' Cable	47-2450
MODEL 133-4 G-M Detector	47-1674
MODEL 133-4-1 Waterproof G-M Detector w/100' Cable	47-2451
MODEL 133-6 G-M Detector	47-1718
MODEL 133-6-1 Waterproof G-M Detector w/100' Cable	47-2452
MODEL 133-7 G-M Detector	47-1216
MODEL 133-7-1 Waterproof G-M Detector w/100' Cable	47-2453
MODEL 133-8 G-M Detector	47-1226
MODEL 133-8-1 Waterproof G-M Detector w/100' Cable	47-2334
<u>Neutron Detectors</u>	
MODEL 42-5 Neutron Ball Cart and Detector	47-1505
MODEL 42-30H Neutron Detector	47-3582
MODEL 42-41L Prescila Neutron Detector	47-3309
<u>Sample Counters</u>	
MODEL 43-9 Alpha Sample Counter	47-1525
MODEL 43-10 Alpha Sample Counter	47-1526
MODEL 43-10-1 Alpha Beta Sample Counter	47-1305
MODEL 43-78 5" Alpha Sample Counter	47-2180
MODEL 43-78-1 5" Beta Sample Counter	47-2307
MODEL 43-78-2 Alpha/Beta Sample Counter	47-2620
MODEL 120 Gas Proportional Sample Counter	47-1625
MODEL 180-8 Shielded End Window G-M Sample Counter	47-1549
MODEL 182 Radon Flask Counter	47-1633
MODEL 203 Shielded Well Scintillator	47-1638
MODEL 243 Shielded Well Scintillator	47-1621
<u>Detector Accessories</u>	
MODEL 112 Tube Socket	47-2320
MODEL 180-1 Sample Holder (Model 43-2, 44-1, 44-2, 44-3)	47-1675
MODEL 180-1L Shielded Sample Hldr (Model 43-2, 44-1, 44-2, 44-3)	47-2988
MODEL 180-2 Sample Holder for Model 44-9	47-1665
MODEL 180-4 Sample Holder for Model 44-7	47-1667
MODEL 180-7 Sample Holder for Model 44-10, 44-17	47-1582
MODEL 180-9 Shielded Sample Holder	47-1591
MODEL 180-15 Sample Holder for Model 44-40	47-1111
MODEL 180-16 Sample Holder for Model 43-1	47-1132
MODEL 180-24 Sample Holder for Model 44-88	47-2631
MODEL 44-118 Shielded Probe Holder for Model 44-2, 44-3	47-2729
MODEL 296 A-B Switch Box	47-1101
MODEL 296-1 A-B-C Switch Box	47-1180
MODEL 297 Signal Splitter	47-1578
MODEL 421 PMT Socket (Amp/HV)	47-3494
MODEL 2750 Gas Flow Control	48-2146
MODEL T-1031 Digital Gas Timer (power off flow closed)	48-2472
MODEL T-1031 Digital Gas Timer (power off flow open)	48-2517

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<u>Detector Replacement Parts</u>	<u>Part Number</u>
Replacement Window for Model 43-37	4304-017
Replacement Window for Model 43-68	4342-097
Replacement Window for Model 9, 17	4293-056
Replacement Window for Model 43-1	40-4034
Replacement Window for Model 43-2	4002-377
Replacement Window for Model 43-5	40-4111
Replacement Window for Model 43-65	4366-020
Replacement Window for Model 43-89, 44-116	4393-043
Replacement Window for Model 43-90	4393-044
Replacement Window for Model 43-93, 44-142	4393-149
Replacement Window for Model 43-92	4393-069
Replacement Window for Model 44-1	40-4375
Replacement Window for Model 44-3	2002-379
Replacement Window for Model 44-17	2002-578
1.5" Photomultiplier Tube (non-based with voltage divider)	4002-510
1.5" Photomultiplier Tube (based)	01-5001
2" Photomultiplier Tube	01-5042
Integral Tube and 1" X 1" NaI Crystal	2004-033
Replacement Detector for Model 203, Model 243	01-5130
1" X 1" NaI Scintillation Crystal	40-5154
1" X 1 mm NaI Scintillation Crystal	2002-361
2" X 2" NaI Scintillation Crystal	01-5128
Replacement Tube (Model 44-6, Model 44-38)	01-5005
Replacement Tube (Model 44-7)	01-5006
Replacement Tube (Model 44-9, 44-40, 44-40-2)	01-5008
Replacement Tube (Model 44-88)	01-5050
Replacement Tube (Model 14C Internal)	4331-020