

## CASELLA INSTRUMENTS NORTH AMERICAN US\$ PRICE LIST BY PRODUCT SERIES

Valid from Jan 01 2007



**Apex Personal Sampling Pumps and accessories**  
**Microdust pro Real Time Dust Monitor and accessories**  
**VOCPRO Volatile Organic Compound Monitor and accessories**  
**Microtherm WBGT Heat Stress Monitor and accessories**  
**Nomad Portable Weather Station System and accessories**

*Errors and omissions excepted – contact Casella USA for full details of other related products*

## Casella USA North American Price List

### Apex Personal Sampling Pumps and Accessories

Part number	List Price US\$	Description of part
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#### Instruments Only

##### Apex Standard Personal Sampling Pumps

182000BAA	<b>575</b>	Apex Standard AA with Alkaline Battery Pack
182000B	<b>600</b>	Apex Standard Sampling pump with no charger unit
<b>Intrinsically safe Model</b>		
182150B	<b>675</b>	Apex Standard Sampling pump with no charger unit (UL & ATEX approved version)

##### Apex Pro Personal Sampling Pumps

182063BAA	<b>700</b>	Apex Pro AA with Alkaline Battery Pack
182063B	<b>725</b>	Apex Pro pump with no charger unit
<b>Intrinsically Safe Model</b>		
182160B	<b>800</b>	Apex Pro pump with no charger unit (UL & ATEX approved version)

#### Standard instrument kits

##### Apex Standard Personal Sampling Pump Kits

182000B/K1	<b>695</b>	Apex Standard Sampling pump with NiMH battery and charger
182150B/K1	<b>765</b>	Apex Standard Sampling pump kit with battery charger unit (UL approved version)
182000BAA/K5	<b>2795</b>	Apex Standard Sampling pump with AA battery packs - 5 pack kit
182000B/K5	<b>3595</b>	Apex Standard Sampling pump with NiMH battery and 5 way charger - 5 pack kit
182000S/K5	<b>3595</b>	Apex Standard Sampling pump with NiMH battery and 5 separate chargers - 5 pack kit
182150B/K5	<b>3995</b>	Apex Standard Sampling pump with 5 way battery charger (UL version - 5 pack kit)
182150S/K5	<b>3995</b>	Apex Standard Sampling pump with 5 separate battery chargers (UL version - 5 pack kit)

##### Apex Pro Personal Sampling Pump Kits

182063B/K1	<b>810</b>	Apex Pro Sampling pump with NiMH battery and charger
182160B/K1	<b>875</b>	Apex Pro Sampling pump kit with battery charger unit (UL approved version)
182063BAA/K5	<b>3395</b>	Apex Pro Sampling pump with AA battery - 5 pack kit
182063B/K5	<b>4295</b>	Apex Pro Sampling pump with NiMH battery and 5 way charger - 5 pack kit
182063S/K5	<b>4295</b>	Apex Pro Sampling pump with NiMH battery and 5 separate chargers - 5 pack kit
182160B/K5	<b>4695</b>	Apex Pro Sampling pump with 5 way battery charger (UL approved version - 5 pack kit)
182160S/K5	<b>4695</b>	Apex Pro Sampling pump with 5 separate battery chargers (UL version - 5 pack kit)

*5 pack Apex Pro kits include IR interface and Pump Manager software*

#### Accessories and Spares

P104107S	<b>25</b>	Single kit case for Apex pro pumps and charger with power supply (opt for Std)
P104107	<b>75</b>	Tool box kit case for 5 pack Apex pumps and 5 way charger with foam cutouts
182091A	<b>275</b>	Pump Manager Software for Apex Pro pumps (includes infra red interface and cable)
182091A.IR	<b>175</b>	Infra red interface and cable
182096A	<b>200</b>	Firmware Upgrade from Apex standard to Apex Pro
182052B	<b>130</b>	Single NiMH battery charger for Apex & Apex Pro
182261B	<b>130</b>	Single NiMH battery charger for Apex & Apex Pro (IS models)
182110A	<b>595</b>	5 way charger for Apex sampling pumps with US power supply
182266A	<b>595</b>	5 way charger for Apex (IS models) sampling pumps with US power supply
182073B	<b>100</b>	Spare NiMH battery pack for Apex Std & Apex Pro
182013B	<b>130</b>	Spare NiMH battery pack for UL approved Apex IS Std & Apex IS Pro pumps
182094A	<b>80</b>	Emergency dry cell battery pack for Apex & Apex Pro (not IS models)
P109032	<b>175</b>	Low Flow Controller and Constant Pressure Unit (CPU) with long tube holder
P109027	<b>40</b>	Constant Pressure Unit (CPU) only
P109023	<b>45</b>	Tube holder (short) for 70 mm sorbent tubes
P109024	<b>50</b>	Tube holder (long) for 110 mm sorbent tubes
P104104	<b>475</b>	Apex Starter Kit including case with access. box, 0.3 to 3 l/m flowmeter, stand, IOM head, cassette (1off), plastic cyclone, cassettes (pk. 5), tweezers (Add Apex pump and charger)

*we reserve the right to change these prices without notice*

## Casella USA North American Price List Apex Personal Sampling Pumps and Accessories

Part number	List Price US\$	Description of part
<b>Primary flow calibrators</b>		
Defender 510-L	<b>1300</b>	Defender volumetric flow rate calibrator +/- 1% (low range 5 to 500 mL/m)
Defender 510-M	<b>1300</b>	Defender volumetric flow rate calibrator +/- 1% (medium range 5 to 5000 mL/m)
Defender 510-H	<b>1350</b>	Defender volumetric flow rate calibrator +/- 1% (high range 300 to 30,000 mL/m)
<b>Rotameter calibrators</b>		
CM344	<b>150</b>	Flow meter rotameter 0.5 to 5 liters/min
CM353	<b>165</b>	Flow meter rotameter 0.02 to 2.0 liters/min
CM357	<b>175</b>	Flow meter rotameter 2 to 25 liters/min
100890B	<b>125</b>	Stand for flow meter rotameters (add required rotameter to suit flow rates needed)
<b>Sampling heads</b>		
<b>Respirable</b>		
P118200	<b>65</b>	Conical inhalable sampler (CIS)
P118201	<b>65</b>	Plastic cassettes for the CIS (pack of 5)
P118203	<b>15</b>	PM2.5 cassettes for the CIS (each)
P118204	<b>10</b>	PUF Filters for PM 2.5 size selective sampling (pack of 10)
P118205	<b>20</b>	PM10 cassettes for the CIS
P118206	<b>20</b>	PUF Filters for PM 10 size selective sampling (pack of 10)
P118207	<b>20</b>	Respirable cassettes for CIS
P118208	<b>20</b>	PUF Filters for Respirable size selective sampling (pack of 10)
116000B	<b>70</b>	Plastic Cyclone for respirable dust (Dewell Higgins)
P104044	<b>40</b>	Pack of 5 plastic cassettes (25mm) for the Dewell Higgins plastic cyclone
P104096	<b>55</b>	Pack of 5 plastic cassettes (37mm) for the Dewell Higgins plastic cyclone
<b>Inhalable</b>		
P109009	<b>80</b>	IOM sampler head
P109010	<b>10</b>	Plastic cassettes for the IOM sampler head (each)
<b>Filters and Cassettes</b>		
<b>GFA filters</b>		
P102005	<b>155</b>	25mm diameter gridded membrane 0.8 (GFA) pack of 100
P102006	<b>50</b>	37mm diameter glass fiber (GFA) pack of 100
P102019	<b>60</b>	47mm diameter glass fiber filters (GFA) pack of 100
P102003	<b>50</b>	55mm glass fiber filters (GFA) for Gravimetric dust sampler pack of 100
P117000	<b>350</b>	25mm pre-weighted glass fiber (GFA) pack of 10
P117001	<b>350</b>	37mm pre-weighted glass fiber (GFA) pack of 10
<b>MCE filters</b>		
P102002	<b>155</b>	25mm diameter glass fiber gridded (MCE for Asbestos) pack of 100
P102009	<b>155</b>	25mm diameter gridded membrane 0.8 (MCE) pack of 100
P102007	<b>335</b>	37mm diameter gridded membrane 0.8 (MCE) pack of 100
<b>PVC filters</b>		
P102012	<b>350</b>	37mm diameter (PVC) pack of 100
P102013	<b>275</b>	25mm diameter (PVC) pack of 100
<b>Cassettes</b>		
FM403	<b>10</b>	37mm replacement cassette for Apex pumps or MDP adaptor (Filter Holder each)
FM405	<b>10</b>	25mm replacement cassette for Apex pumps or MDP adaptor (Filter Holder each)
<b>HazVac air sampling kit</b>		
182250D	<b>1595</b>	HazVac air sampling system including Apex Std sampling pump with alkaline battery pack
<b>Other sampling pumps</b>		
171000D	<b>1200</b>	Vortex Ultraflow air sampling pump
171006B	<b>105</b>	Asbestos Sampling head support mast
P110004	<b>130</b>	Asbestos Sampling head with cowl

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## Casella USA North American Price List Microdust Real Time Dust Monitor and Accessories

Part number	List Price US\$	Description of part
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### Microdust Pro standard instrument

176000A	<b>3950</b>	Microdust Pro real time aerosol monitor kit inc all std accessories in attache case <i>the Microdust Pro kit is supplied complete with instrument and probe, bellows, optical calibration filter, download cable, Windust pro software, 4 rechargeable batteries, battery charger and mains power supply suitable for 110 and 240 V worldwide use supplied in a portable attache style case</i> <i>please note that the Microdust Pro is not classified as an intrinsically safe instrument so is not recommended for use in hazardous areas</i>
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### Microdust Pro high range instrument

176106A	<b>5095</b>	Microdust Pro Portable Real Time High Range Monitoring kit (1-25,000 mg/m3) <i>the high range Microdust Pro is provided as a complete kit as the standard unit above except that it has an extra range at the top end and lacks the lowest range compared to the Microdust Pro</i>
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### Gravimetric Dust Adaptors for the Microdust Pro

103214B	<b>195</b>	Gravimetric dust adaptor for the Microdust (requires sampling pump)
103187B	<b>475</b>	Aspirated dust adaptor for the Microdust including mains power supply (does not require sampling pump)
103182B	<b>275</b>	Respirable dust adaptor for the Microdust (requires sampling pump)
151280B/K1	<b>275</b>	Size selective adaptor with PUF Filters P118204, 206, & 208 (requires sampling pump)
176153A	<b>250</b>	Laboratory adapter block with 1/4in threaded Swage-lok fittings
FM403	<b>10</b>	37mm replacement cassette for Apex pumps or MDP adaptor (Filter Holder each)
FM405	<b>10</b>	25mm replacement cassette for Apex pumps or MDP adaptor (Filter Holder each)

*the sampling adaptors are supplied with both a 25mm and a 37mm filter cassette to collect simultaneous air samples for later analysis in a laboratory (cassettes not supplied with aspirated adaptor or lab adaptor)*

### Enclosures and other accessories

176093A	<b>1795</b>	Microdust pro Weatherproof Environmental Enclosure kit with std accessories.
X100186	<b>2750</b>	Microdust pro Laboratory Enclosure System inc. 176153A lab adapter block
176086B	<b>85</b>	In car 12v charger cable for Microdust Pro and Microtherm WBGT monitors
P118204	<b>10</b>	PUF Filters for PM 2.5 size selective sampling (pack of 10)
P118206	<b>20</b>	PUF Filters for PM 10 size selective sampling (pack of 10)
P118208	<b>20</b>	PUF Filters for Respirable size selective sampling (pack of 10)

### Microdust 880nm Intrinsically Safe instrument

151146A	<b>5500</b>	IS Microdust 880 data logging with ranges 0 - 2.5 & 0 - 25 mg/m3
151147A	<b>5500</b>	IS Microdust 880 data logging with ranges 0 - 25 & 0 - 250 mg/m3
151148A	<b>5500</b>	IS Microdust 880 data logging with ranges 0 - 250 & 0 - 2500 mg/m3
151149A	<b>5500</b>	IS Microdust 880 data logging with ranges 0 - 2500 & 0 - 25000 mg/m3

### Accessories for the Microdust 880nm

151181B	<b>135</b>	AC charger 110V for Microdust 880
151081C	<b>195</b>	Spare rechargeable battery for Microdust 880
151163A	<b>395</b>	Windust software for Microdust including RS232 Lead
HK302	<b>10</b>	Trimmer tool for Microdust 880 IS model
102933A	<b>120</b>	Air cleaning bellows for Microdust Pro and Microdust 880 IS dust monitors
151210A	<b>120</b>	Handle for Microdust 880
151097C	<b>150</b>	Leather Case for Microdust 880
151182B	<b>485</b>	Hard Case for Microdust 880

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## Casella USA North American Price List VOCPRO PID Monitor

Part number	List Price US\$	Description of part
G201005	<b>3895</b>	VOCpro UL/ATEX Certified Hand-Held PID Includes 10.6eV lamp, 10 hour rechargeable battery pack, 110/240v AC adapter, 17cm Teflon sample probe with spring relief, 10 Fluoropore membrane filters, adjustable wrist strap, multi tool, user reference card, user manual. Supplied with USA style mains plug
G202035	<b>1025</b>	VOCpro Field Kit Includes carrying case (G202020), calibration gas regulator (G202019, VOCpro Comm software (G202034), spare 10-hour rechargeable battery pack (G202029) and printer and computer cable (G202028).
G202041	<b>1095</b>	Field Kit with Gas, Includes G202035 & G202006
G202002	<b>425</b>	10.6eV Lamp for Casella VOCpro PID VOC Monitors
G202003	<b>525</b>	11.7eV Lamp for Casella VOCpro PID VOC Monitors
G202004	<b>175</b>	3.0 L Tedlar® Gas Bag Assembly Includes Gas Bag with On/Off valve and septum port, and Gas Bag Adapter (G202024)
G202005	<b>105</b>	3.0 L Tedlar Gas Bag With on/off value and septum port
G202006	<b>50</b>	Calibration Gas, 100 PPM Isobutylene, 20L Disposable Cylinder. (This will be sufficient for 10-18 calibrations.)
G202010	<b>350</b>	AC Power Adapter for VOCpro, 110/240v For charging battery pack or operating VOCpro from AC power source. Includes "USA" style line cord
G202018	<b>95</b>	Belt Clip Holster for VOCpro Soft nylon holster for VOCpro with belt clip attachment for convenient transportation and handsfree operation
G202019	<b>95</b>	Calibration Gas Regulator for VOCpro
G202020	<b>350</b>	Carrying Case for VOCpro and Accessories High impact plastic carrying case with custom cut foam insert for transportation of VOCpro and accessories. VOCpro and accessories not included.
G202021	<b>50</b>	DC Power Cord For charging battery pack or operating VOCpro from 12 V DC power source. Includes 6 foot (2m) cable and "cigarette lighter" plug.
G202022	<b>75</b>	Dilution Probe Carbon Filter for VOCpro, replacement, package of 1
G202023	<b>1495</b>	Dilution Probe for VOCpro For VOCpro full scale operation up to 20,000 PPM.
G202024	<b>75</b>	Gas Bag Adapter Adapts 3/16 in. Gas Bag stem to 1/8 in. Swagelok® compression fitting. Reusable, 9 in. (22.8 cm) long
G202025	<b>75</b>	Lamp Window Cleaning Kit Includes aluminum oxide cleaning compound, 10 cotton swabs, and instructions.
G202026	<b>35</b>	Multi Tool for VOCpro, replacement For removal of VOCpro lamp access cover
G202027	<b>325</b>	Off-line Battery Charger only For re-charging VOCpro battery pack when battery pack is not installed on the VOCpro. Requires one of the AC adapter (G202008, G202009 or G202010) or DC power cord (G202021)
G202028	<b>275</b>	Printer and Computer Cable Kit RS232 Serial Interface Cable for VOCpro. Terminates in DB-25 male connector. Includes 25 pin female adaptor
G202029	<b>195</b>	Rechargeable 10 hour Battery Pack for VOCpro, spare or replacement
G202030	<b>175</b>	Sample Inlet (Fluoropore Water/Particulate) Filter for VOCpro, replacement, package of 25
G202031	<b>95</b>	Sample Line, Teflon, 9.8 feet (3m) with fitting for VOCpro
G202032	<b>125</b>	Sampling Probe with Spring Relief, Teflon, 6.7 inches (17cm) for VOCpro
G202033	<b>25</b>	User Manual, VOCpro
G202034	<b>275</b>	VOCpro Chart Software Communication setup for datalogger download to Windows PC.
G202036	<b>10</b>	VOCpro User Reference Card
G202037	<b>20</b>	Wrist Strap, adjustable for VOCpro, replacement

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## Casella USA North American Price List Microtherm Heat Stress Monitor and Accessories

Part number	List Price US\$	Description of part
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### Microtherm WBGT Heat Stress Monitor

180000A	<b>2500</b>	Microtherm Heat Stress WBGT kit with standard accessories.
180042A	<b>2750</b>	Microtherm Heat Stress WBGT kit with standard accessories and cal certificate.

### Accessories for the Microtherm

180043B	<b>240</b>	Sensor Extension Lead for the Microtherm WBGT Heat Stress Monitor 30 ft (10m)
176086B	<b>85</b>	In car 12v charger cable for Microdust Pro and Microtherm WBGT monitors

## Casella USA North American Price List Nomad Portable Weather Station Systems

Part number	List Price US\$	Description of part
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### Complete Nomad Weather Measurement System

187000D                    **7495**      Nomad Weather System 7 sensor kit in three carry cases.

### Standard Wind Measurement System

187056A                    **5995**      Nomad Wind System for wind speed & direction in two carry cases.

### Weather Measurement System Less Rain Gauge

187115D                    **6995**      Nomad Weather System less rain gauge in two carry cases.

### Weather Measurement System (with ALOHA,/CAMEO software interface)

187116D                    **5995**      Nomad Weather System 4 sensors in two carry cases with ALOHA,CAMEO,MARPLOT

### Additional Sensors

120620B                    **175**      Soil temperature sensor (requires use of the Ground Sensor Extension Unit)  
 120680B                    **\*Call\***    Grass Temperature - Minimum -40 to 60 deg C (requires use of the Ground Sensor Extension Unit)  
 187081B                    **475**      Leaf Wetness sensor (requires use of the Ground Sensor Extension Unit)

### Accessories

187057B                    **375**      Ground Sensor Extension Unit (for addition of other sensors)  
 CMC30                      **125**      Compact Flash Memory Card (32Mb)  
 CMC31                      **95**       Compact Flash to PCMCIA card adaptor (for PC's with dedicated PCMCIA card slot)  
 CMC34                      **135**      Compact Flash Card Reader - Parallel port connection (for PC's without PCMCIA card slot)  
 CMC35                      **125**      Compact Flash Card Reader - USB connection (for PC's without PCMCIA card slot)  
 142009C                    **500**      "Direct" landline interface & comms unit, specify cable length.  
 W4/1602/4                   **10**       Telemetry "Direct" (Land line) cable (per 10ft) - power & data trans. for NOMAD. Min. 50 ft.  
 187078B                    **3750**     High power radios (up to 10 miles transmit and receive range) with trans, rec & antennas  
 187079B                    **1950**     Low power radios (up to 1.5 mile transmit and receive range) with trans, rec, & antennas  
 187082B                    **\*Call\***    Wireless GSM modem for data communications (subject to coverage).