

TIGER

Technical Specifications and Pricing

Minimum resolution*

- 1 ppb or 0.001 mg/m³

Maximum reading**

- 20,000 ppm or 20,000 mg/m³ (gas dependent)

Response time

- T90 < 2 seconds

Accuracy*

- 5% display reading one digit

Linearity*

- 5% display reading one digit

Intrinsically safe approvals

- II 1G Ex ia IIC T4 Ga
- Tamb = -15 °C ≤ Ta ≤ +45 °C (with lithium ion battery pack)
- Tamb = -15 °C ≤ Ta ≤ +45 °C (with alkaline battery pack)
- ITS09ATEX26890X
- IECEx ITS 10.0036X
- 3193491 conforms to UL Std. 913, 61010-1 &
- Certified to CAN/CSA Std. C22.2 No. 61010-1

Battery life

- Li-ion: life up to 24 hours continual use
- Alkaline: (Duracell Procell MN 1500) life up to 8.5 hours continual use

Lamps

- 10.6 eV Krypton PID lamp (standard), 10.0 eV and 11.7 eV lamps available

Data logging*

- Including date / time: 120,000 points

Communication

- Direct USB 1.1 connection

Alarm

- Flashing LED and 95 dBA at 300mm (12") audible sounder
- Selectable vibrating alarm
- Pre-programmed TWA and STEL*
- Pre-programmed with over 700 gases*

Flow rate

- 220 ml/min in ambient conditions (with blocked flow alarm)

Temperature

- Operating: -20 to 60 °C, -4 to 140 °F (non Intrinsically Safe)
- Humidity: 0-99% RH (non condensing)

Protection

- Designed to IP65 (heavy rain)
- 1180
- EMC tested to EN61326-1:2006, EN50270:2006 & CFR 47:2008 Class A

Weight & dimensions

- Instrument with probe
- Width: 340 x Height: 90 x Depth: 60 mm (13.4 x 3.6 x 2.4")
- Standard case
- 367 x 89 x 90 mm (14.45 x 3.54 x 2.36")
- Instrument weight 0.72 kg (1.56lb)
- Packed weight: 5.5kg (12lb)

Included in Tiger Kit***

- Tiger Instrument with rubber boot
- Rechargeable Battery (Li-ion)
- Battery Charger
- Mains Adaptor
- Rugged Case
- Carbon Zero Filter Assembly
- Calibration Adaptor
- PTFE Filter Discs
- Removal Tool MiniPID Stack
- PID Lamp Cleaning Kit
- Lanyard
- USB Cable
- Quick Start Guide



Tiger Instruments	Description	Price
PTXSLBMP-0005	Tiger Rechargeable Battery - PPM / H&S / Data Logging	\$4,460.00
PTXSLBMP-0007	Tiger Rechargeable Battery - PPB / H&S / Data Logging	\$7,010.00

Firmware Upgrades	Description	Price
861301	Tiger Firmware Upgrade -PPB Sensitivity	\$2,640.00

All specifications are against isobutylene calibration at 20 °C, 90% RH and up to 3000 ppm unless otherwise stated. *Model and gas dependent.

**Maximum reading is achieved with certain analytes such as ethanol.

***Kit does not include a spare rechargeable battery pack as pictured. Spare battery sold separately.

TIGER ACCESSORIES

Batteries, Chargers, Comms	Description	Tiger LT	Tiger	Tiger Select	Price
1/JAWU-01	2.1mm DC Jack- Cigar Lighter Plug Tiger Car Charger Lead	P	P	P	\$30.00
1/VS-22	Mains Adaptor with Mutiple Plug Adaptors	P	P	P	\$45.00
	NOTE. Connects to battery charger cradle A-861220				
A-861220	Tiger Battery Charger Cradle	P	P	P	\$235.00
A-861240	Tiger Rechargeable Battery Assembly	P	P	P	\$370.00
A-861241	AA Battery Pack Assembly	P	P	P	\$175.00
A-861511	Tiger Docking Plate and Charger	P	P	P	\$460.00
861230	USB Cable - Angled B Connector	P	P	P	\$40.00
A-861546	Tiger USB - RS232 Converter			P	\$460.00

Boxes and Cases	Description				Price
861629	Rugged Case	P	P	P	\$440.00
A-31166	Standard Case- Tiger LT	P			\$200.00
861266	Leather Instrument Holster (Belt strap and holder allows hands free operation)	P	P	P	\$145.00
861412	Leather Instrument Harness	P	P	P	\$420.00
861235	Lanyard	P	P	P	\$10.00
861245	Charger Support Strap	P	P	P	\$10.00
861205	Protective, Removable Rubber Boot	P	P	P	\$60.00

Filters and Probes	Description				Price
861579	Tiger Filter Clamp (2017 on)	P	P	P	\$30.00
880202	Tiger Probe Seal (2016 on)	P	P	P	\$5.00
880207	Tiger Inlet Nozzle	P	P	P	\$50.00
A-880210	Tiger Probe Upgrade Kit, 2016 Design	P	P	P	\$80.00
A-880214	Tiger Probe (pack of 5) 2016 Design	P	P	P	\$230.00
A-880216	Tiger Probe Seals (pack of 10) 2016 Design	P	P	P	\$35.00
5/OV-04	O-Ring Viton 3ID x 1 Sect	P	P		\$5.00
861476	Calibration Adaptor	P	P	P	\$30.00
A-31057	Carbon Filter Assembly	P	P	P	\$60.00
A-861482	Exhaust Barb for Tiger	P	P	P	\$15.00
A-861406	Flexible Probe	P	P	P	\$130.00
A-861413	5m Extension Hose	P	P	P	\$50.00
A-861414	10m Extension Hose	P	P	P	\$100.00
A-861441	PTFE Filter Discs (pack of 100)	P	P	P	\$110.00
A-861472	PTFE Filter Discs (pack of 10)	P	P	P	\$30.00
861218	Filter Housing Cap	P	P	P	\$10.00
5/OV-02	O-Ring Viton 25ID x 2 Sect	P	P	P	\$5.00

TIGER ACCESSORIES CONT.

		Tiger LT	Tiger	Tiger Select	
Sensors and Access.	Description				Price
A-846417	Electrode Stack 10.0eV (white with gold dot)	P	P	P	\$60.00
A-846267	Electrode Stack PPB & 11.7eV (White)		P	P	\$40.00
A-846496	Electrode Stack (Orange)	P			\$40.00
LA4TM600	10.6 eV Lamp	P	P	P	\$155.00
LA4SM700	MiniPID Lamp 11.7 eV		P	P	\$400.00
MP6SX6BXU2	MiniPID2 6-Pin 10.6eV		P	P	\$1,090.00
MP6SX66XU2	MiniPID2 H-PPM 6-Pin 10.6eV	P			\$1,090.00
MP6SX7BXU2	MiniPID2 6-Pin 11.7eV		P	P	\$1,395.00
846600	MiniPID Lamp Spring	P	P	P	\$5.00
846216	MiniPID Electrode Stack Removal Tool	P	P	P	\$10.00
A-861259	Sensor Cover Assembly	P	P	P	\$50.00
861234	Sensor Cover Screw	P	P	P	\$10.00
A-861214	Sensor Seal Coated	P	P	P	\$10.00

Miscellaneous Access.	Description				Price
A-861268	Software USB Stick - Tiger Range		P	P	\$50.00
4/GB-01	Gas Bubbler with Safety Barb	P	P	P	\$345.00
A-861267	Tiger Accessory Box	P	P	P	\$115.00
A-31063	PID Lamp Cleaning Kit	P	P	P	\$60.00

Tiger Select Access.	Description				Price
861614	Ion Science Benzene Pre-Filter Tube (pack of 10)			P	\$60.00
A-861626	Ion Science Benzene Pre-Filter Tube (10 packs of 10)			P	\$550.00
A-861627	Ion Science Benzene Pre-Filter Tube (50 packs of 10)			P	\$2,700.00
5/FD-02	Tube Opener NO DISCOUNT			P	\$115.00
A-880209	Tube Holder Assembly			P	\$470.00
A-861498	Tiger Select Accessory Box			P	\$120.00
861523	Tiger Select Inlet Nozzle			P	\$70.00

Firmware Upgrades	Description				Price
861301	Tiger Firmware Upgrade - PPB Sensitivity		P	P	\$2,640.00

Calibration*	Description				Price
44ES-248-100	100 ppm Isobutylene Cal Gas in 44L Ecosmart Cylinder (C10)	P	P	P	\$130.00
70-0.5	0.5 LPM Fixed Flow Regulator with C-10 Fitting	P	P	P	\$160.00
75-DFR	Demand Flow Regulator with C-10 Fitting	P	P	P	\$380.00

TIGER MULTI ADAPTERS

Probe Access.	Description	Price
TIG-0002	MultiAdapter with Flexible Probe Extension 300 mm	\$240.00
TIG-0003	MultiAdapter with Flexible Probe Extension Custom (100-1000 mm)	\$370.00
TIG-0004	MultiAdapter with Pipe Connector for Pipe 4/6 mm (ID/OD)	\$100.00
TIG-0005	MultiAdapter with Pipe Connector for Pipe 1.5/3 mm (ID/OD)	\$100.00
TIG-0006	MultiAdapter with Stäubli Quick Connector Kit	\$200.00
	NOTE. Included Coupler for Pipe 4/6 mm (ID/OD)	
TIG-0008	Tiger Select Pipe Connection Kit	\$770.00
	NOTE. MultiAdapter with Stäubli Quick Connector Kit and Special Design Tube Holder with Stäubli Connector	
TIG-0009	Quickcoupler for Tiger Exhaust Pipe Connector for 4/6 mm (ID/OD)	\$20.00
TIG-0013	Float Probe	\$120.00
TIG-0012	Borehole Probe (500-1500 mm)	\$670.00
TIG-012.5	Borehole Probe (1501-2500 mm)	\$800.00



TIG-0002



TIG-0004



TIG-0005



TIG-0006



TIG-0008



TIG-0006



TIG-0013



TIG-0012