

Tiger VOC detector

Instrument Accessories and Spares



The Tiger is available with a range of Accessories that further enhance the instrument, in addition to Spare Parts. If you wish to order an Accessory or Spare Part, please contact Ion Science.



World's Most Advanced VOC Detector!

The revolutionary Tiger with miniPID and patented Fence Electrode Technology provides the best available detection and software features, ready to use straight out of the box. Tiger sets the industry standard for VOC gas detection, providing rapid detection from 1 ppb to 20,000 ppm, offering the widest detection range on the market.







Features:

- Patented Fence Electrode Technology for best PID performance
- Fast 2 second response
- Easy change miniPID Detector, Electrode Stack and Lamps
- Exceptionally easy to use and intuitive
- No complex set up procedures required via a PC
- Batteries certified to be changed within hazardous areas
- Battery life up to 24 hours continuous use
- Fully upgradeable with selectable functions; Data Logging, Health & Safety, ppb
- Choice of data logging options
- Intrinsically Safe; ATEX, IECEx. UL913, CSA 22.2
- Rugged design with protective, removable rubber boot
- Loud audible sounders 95 dBA
- Bright LED and vibration alarms
- Lowest running costs on the market
- All protected by a 5 year instrument warranty*

	Tiger Accessories/Spare Part No.	Description
	1/jawu-01	2.1mm DC jack - cigar lighter plug Car Charger Lead Allows the Tiger charge cradle to be powered from a standard 12 volt automotive connector (cigar lighter) IMPORTANT: If the vehicle is moving (vibrating) then a Tiger docking plate is also recommended; Part number A-861511
	1/VS-22	Mains adaptor with multiple plug adaptors (connects to battery charger cradle A-861220) Replacement mains power adaptor. Universal voltage 100-240 Vac 50/60 Hz. Supplied with UK, US, Aus and Euro adaptor heads.
	A-861220	Battery Charger Assembly Replacement charge cradle
	846216	Removal tool MiniPID stack Replacement electrode stack removal tool.
	846217	Spring Replacement spring used within the MiniPID sensor. Ensures the PID lamp remains engaged with the electrode stack seal.
	861218	Filter Housing Cap Replacement screw cap that retains filter clamp
	861219	Filter Clamp Replacement clamps PTFE filter in place
	5/OV-02	O-Ring Viton 25ID 2.00 Sect Replacement O-Ring that seals the PTFE filter in the filter housing
	5/OV-04	O-Ring Viton 3ID 1.00 Sect Replacement O-Ring fitted to the inlet nozzle to ensure seal integrity between the probe and the filter clamp.

	861205	Protective, Removable rubber boot
	861230	USB Cable - Angled B Connector Replacement USB cable. Allows USB connection while the Tiger is in the xcharge cradle.
	861234	Sensor Cover Screw Replacement. Also requires retaining washer a/WR-4
	861235	Lanyard
	861266	Leather Instrument Holster Allows the Tiger and Tiger select instrument to be held and connected to a waist belt for hands free operation.
	861270	Explorer Case Replacement carry case for a Tiger instrument and its accessories.
	861412	Leather Instrument Harness Allows the Tiger and Tiger Select to be carried for hands free operation. Also includes adjustable leather belt and shoulder strap (not shown).
	861423	Quick Start Guide - Tiger.
	861443	Inlet Nozzle Replacement inlet probe for Tiger. Also require an O-Ring 5/OV-04 (not included) to seal against the filter clamp.
	861476	Calibration Adaptor Replacement adaptor used when flow regulators are used to supply calibration gas. Ensures ambient air pressure is maintained.
	A-31057	Carbon Filter Assembly Replacement carbon filter that removes remaining VOC's from ambient air to allow Zero calibration in a contaminated environment.
	A-31063	PID Lamp Cleaning Kit Includes Alumina powder and cotton buds for the cleaning of 10.6 eV and 10.0 eV lamp windows. WARNING: 10.0 eV windows are fragile and can be broken if excessive pressure is applied.
	A-31158	High Temperature Probe Stainless steel capillary that cools the sample before entering the Tiger instrument.
	A-845213	PID calibration Kit 100ppm Isobutylene 103 litres (gas, regulator, tubing & carry case) 1 x Gas bottle for calibration containing 10 ppm Isobutylene (103 Litres) 1 x Flow regulator 0.3 litre/min 1 x Tygon tubing 600 mm 1 x Carry case

	4/GB-01	<p>Gas Bubbler with Safety Barb</p> <p>Used to demonstrate humidity resistance of the Tiger against other PID instruments. Connects to Tygon pipe supplied in the calibration kits.</p>
	A-846267	<p>Pellet burnt (PPB)</p> <p>Standard 10.6 eV electrode stack</p>
	A-861214	<p>Sensor Seal - Coated</p> <p>Replacement PID sensor seal. Seals between The PID sensor and the Sensor cover. These may be Blue or Black in colour but are functionally identical.</p>
	A-861229	<p>Carbon Filter Adaptor</p> <p>Replacement: Ensures an air tight seal between the carbon filter A-31057 and the inlet probe.</p>
	A-861240	<p>Rechargeable Battery Assembly</p> <p>Replacement / Spare rechargeable Lithium ion battery pack.</p>
	A-861241	<p>AA Battery Pack Assembly</p> <p>Replacement / Spare non-rechargeable Alkaline battery pack. To be used as an emergency backup. Accepts 3 x AA Alkaline cells.</p>
	A-861259	<p>Sensor Cover Assembly</p> <p>Replacement sensor cover. The assembly includes all necessary seals and fixings.</p>
	A-861267	<p>Tiger Accessory Box</p> <p>1 x Carbon filter, 5 x PTFE filter disks 1 x Alumina powder, 2 x Cotton buds 1 x Lanyard, 1 x Calibration adaptor 1 x Sensor seal, 1 x Stack removal tool</p>
	A-861268	<p>Software USB Stick - Tiger Range</p> <p>Replacement memory stick containing TigerPC software.</p>
	A-861482	<p>Exhaust Barb for Tiger</p> <p>Allows the gas exhausted from the Tiger or Tiger Select to be captured in a pipe / sample bag.</p>
	A-861406	<p>Flexible Probe Assembly</p> <p>300mm / 12" flexible probe that allows access to difficult to reach areas. Supplied with additional filter clamp.</p>
	A-861413	<p>5m Extension Hose</p> <p>Connects to the Tiger filter clamp via adaptor supplied.</p>
	A-861414	<p>10m Extension Hose</p> <p>Connects to the Tiger filter clamp via adaptor supplied.</p>
	A-861441	<p>PTFE Filter Discs 100</p>

	A-861472	PTFE Filter Discs 10
	A-861511	<p>Tiger Docking Plate and Charger</p> <p>Allows the Tiger and Tiger Select to be wall mounted or mounted in a vehicle. Ensures charge connection even in an environment with high vibration.</p>
	LA4TM600	<p>MiniPID Lamp Krypton 10.6eV ppm TIGER</p> <p>Replacement standard 10.6 eV PID lamp</p>
	LA4SM700	<p>MiniPID Lamp (Argon) 11.7eV</p> <p>11.7 eV PID lamp.</p> <p>IMPORTANT: Reduced lamp warranty. Please contact your distributor for details.</p>
	MP6SX6FX	<p>MiniPID 6-pin 10.6eV</p> <p>Complete 10.6 eV PID detector including electrode stack and lamp. For general VOC detection. Also includes electrode stack removal tool.</p>
	MP6SX7FX	<p>MiniPID 6-pin 11.7eV</p> <p>Complete 11.7 eV PID detector including electrode stack and lamp. Includes electrode stack removal tool. IMPORTANT: Reduced lamp warranty. Please contact your distributor for details.</p>

For more information and prices please contact Ion Science Ltd or your local distributor.