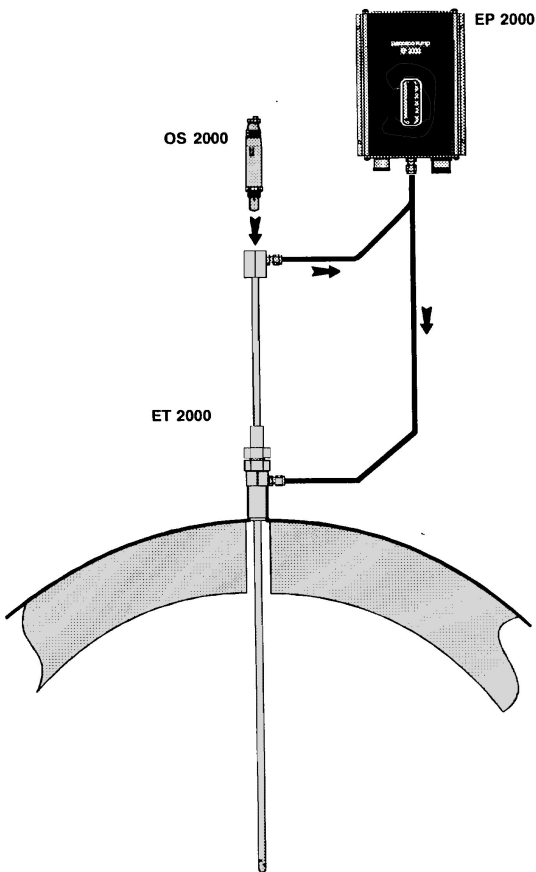


- Simple installation
- Simple maintenance
- Long service life
- Carbon fibre wearing parts
- All materials are corrosion proof
- Attractive design in acid proof stainless steel



#### Description:

The ETS 2000 Extraction System constitutes the ET 2000 High-Temperature Probe and the EP 2000 Pump Unit that combine to form an accessory for the zirconium dioxide measuring cell OS 2000 of the OC 2000 oxygen measuring system. This system is applied in an environment with flue gas temperatures exceeding 300°C or whenever other conditions prevent a probe from being installed directly at the point of measurement. This system is applied in an environment with flue gas temperatures exceeding 300°C or whenever other conditions prevent a probe from being installed directly at the point of measurement.

The EP 2000 Pump Unit allows the system to extract a representative flue gas sample through the temperature stable probe pipe, past the measuring probe, through the pump, and back to the furnace.

All parts of the ET 2000 probe are made in acid proof stainless steel (AISI 316), except the extraction pipe which is aluminium oxide.

The EP 2000 flue gas extraction pump has been conceived and designed to ensure a long service life, using materials which resist all condensate products found in flue gases. Vital wearing parts are made from carbon fibres.

#### Application:

The principal fields of application of the ETS 2000 Extraction System are in metal melting furnaces, cremation furnaces and other systems where the oxygen content needs to be determined before the flue gas is conducted through a heat exchanger, or where flue gas cooling is absent.

#### Specifications:

Place of installation:	ET 2000: Vertical through the top wall of the oven. The Probe is fixed in the outer cover plate with the rood entering the interior of the oven through a hole in the top refractory.
	EP 2000: Above the ET 2000 using as short hoses or tubes for interconnection as possible.
Way of installation:	ET 2000: Welded of flange mounted on the outside cover of the oven. EP 2000: Fixed to a vertical surface using four selftapping screws just above the ET 2000.
Dimentions:	ET 2000: Overall lgth.: 360 mm + length of alumina-oxide tube and the OS 2000 probe. Divelength: 480 mm from foot of adapter (upto 930 mm on request). Diameter: 27 mm without fittings (37 mm) and without flendge (140 mm). EP 2000: W x H x D 159 mm x 255 mm x 65 mm.
Filters:	ET 2000: 2 cm <sup>3</sup> of kerline- or glasfibers. EP 2000: Fiberfilter with an inspection glas.
Flow of pump:	Minimum 0.6 l per. minute at 10 mBar of pressure drop. Adjustable flow.
Connections:	1) Power supply 220 V AC Consumption 15 VA. 2) 2 pc. of 4 mm tube or hose connecting ET2000 and EP 2000. 3) One M 18 x 1.5 Treaded hole for the OS 2000 probe.
Temperatures:	Flue-gas temp.: ET 2000: max. 1400 ° C EP 2000: min. 60 ° C max. 100 ° C Ambient temp.: ET 2000: max 400 ° C at fixing point EP 2000: max. 60 ° C
Accessories:	Exchangeable filter-fillings

#### From the same supplier:

<p><b>Oxygen Indicator</b></p> <p>OC 2000 Precise, fastreacting and sturdy oxygen indicator with alarms and safe control capabilities. Includes the OS 2000 probe.</p>	<p><b>Oxygen Trim Regulator</b></p> <p>OTC 2000 is a P.I.D. regulator that provides optimum combustion throughout the burner's full area of operation.</p>	<p><b>Measuring dust and smoke</b></p> <p>ODM/PM 2000 ensures robust and economical optical measuring of smoke density and dust concentration.</p>	<p><b>Fail Safe</b></p> <p>FS 2000 'Fail Safe' offers approved and reliable RPM control of combustion air fans.</p>	<p><b>Electric panels</b></p> <p>Complete electric panels - a full range from the most simple ON/OFF panels to state-of-the-art computerized solutions with illustrative mimic diagrams.</p>
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