

SERVOMEX[®]

Portable Oxygen Analysers



manotherm b.v.
welplaathoek 20
3197 KP botlek/rotterdam
tel. 0 10 - 16 90 11
telex: 28604 thermo nl

SYBRON | Taylor



OA570

First Servomex® portable oxygen analyser to offer a liquid crystal readout — with an accuracy to 0.1% oxygen.

A number of power options are available with the OA570/580 range —

- Disposable dry cells.

- External power supply unit or switched disposable dry cells.

- Rechargeable nickel cadmium batteries with external charging unit.

For continuous monitoring the OA570/580 range offer an optional sampling pump — internally mounted and intrinsically safe.

OA244

High accuracy portable — capable of determining the purity of oxygen cylinders, over the range 98–100% oxygen, to within 0.02% oxygen.





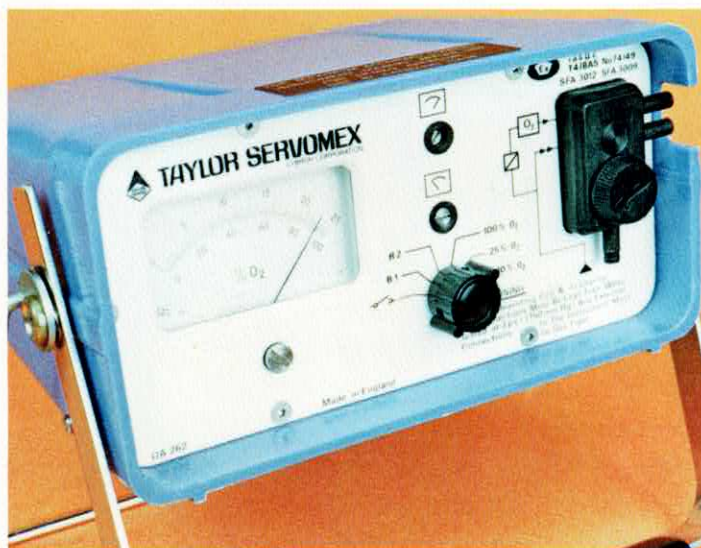
Taylor Instrument Analytics, a world leader in oxygen analysis for over twenty years, introduce their new range of Servomex® portable oxygen analysers. These have been developed to provide for your analytical requirements within a sensible budget.

Servomex® analysers incorporate a robust, time proven, paramagnetic measuring cell which will provide many years useful service. Many instances can be quoted of analysers giving 10–15 years service without recourse to replacement of the measuring cell.

OA580

Standard meter version, with similar features to the OA570 — but at a lower price.

- ★ All Servomex® portables are simple to operate with easily readable displays.
- ★ Instruments offer high reliability with no requirement to replace messy chemicals or depleted cells.



OA262

Two variants of this lightweight portable are offered —

Laboratory/medical instrument with carrying handle which doubles as a stand for bench applications.

Industrial/marine version which is supplied with a waterproof carrying case.

The OA262 is certified intrinsically safe by —
 BASEEFA
 Factory Mutual
 Det Norsk Veritas
 Lloyds

Nominal Specification

	OA244	OA262	OA570	OA580
Readout	Meter	Meter	Digital	Meter
Operating Ranges (% O ₂)	98—100	0—10 0—25 0—100	0—100	0—10 0—25 0—100
Accuracy (% Range)	±1	±3 on 0—25/100 ±5 on 0—10	±0.1	±1
Linearity (% Range)	1	2	0.1	1
Temperature Range (°C)	0 to +50	-10 to +50	0 to +50	0 to +50
Response Time (90% readout of a step change)	15 sec.	7 sec.	11.5 sec.	11.5 sec.
Tilt Effect (% O ₂ per degree of tilt)	0.01	0.01	0.01	0.01
Power options:				
Mains power	*		*	*
Dry Batteries		*	*	*
Rechargeable Batteries			*	*
Intrinsic Safety Certification	—	BASEEFA Factory Mutual Det Norsk Veritas Lloyds	Application made for BASEEFA and Factory Mutual Certification	

The company reserve the right to alter the specification or design without prior notice.

Other products in the Taylor Analytics range include Industrial Oxygen Analysers, Process Gas Chromatographs and Viscometers. The company also undertakes the design and manufacture of complex analyser systems.

Taylor Instrument Analytics Ltd, Division of Sybron Corporation,

Crowborough, Sussex TN6 3DU, England.

Telephone: Crowborough (STD 089-26) 2181. Telex: 95113. Cables: Servomex Crowborough.

Registered in England at the above address. Registered No. 511159. VAT Registration No. 210 1763 17.