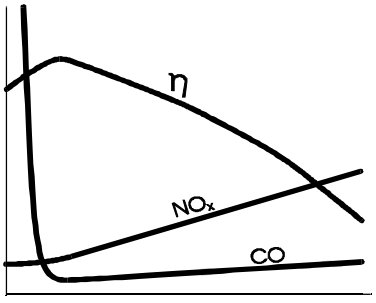
Trim Control / P.I.D. Regulator OTC 2000

- **Simple installation and maintenance**
- **Simple and accurate setting of parameters**
- **Adjustment simple and easy to understand**
- **Safety-optimized monitoring signals and controller**
- **Attractive design in anodized aluminium**



Description:

The OTC 2000 P.I.D. regulator not only allows you to control a process to the effect that a specific measuring value is maintained, it also allows you to alter this value by means of a second pilot signal. This concept makes it possible to ensure regulation which optimizes a given regulation process - even in situations where this process does not have the same optimum value under all conditions.

Specifications:

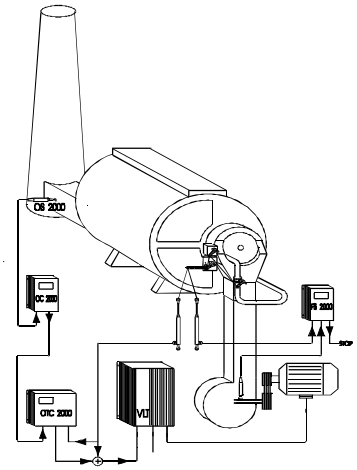
Power supply:	230 V AC 50/60 Hz	
Power consumption:	Max. 10 VA	
Dimensions:	H x W x D	244x240x56 mm
Analog inputs:	Oxgen signal	4(0) - 20 mA
	Load value	4(0) - 20 mA or potentiometer
Control signals:	Startsignal, two control signals, curve selection and three signals from the servomotor (three point regulation)	
Analog output:	4(0) - 20 mA	Correction signal
Contact output:	Three point signals	UP / STOP / DOWN
	Alarms	2 breake contacts
Display:	Seven segment L.E.D. with three digits - by choice displaying:	
	Oxygen value, setpoint, load-signal, regulation difference and alarm setting.	

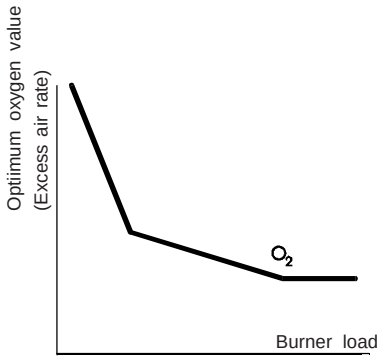
OTC 2000 applied as combustion optimizer:

When the OTC 2000 receives an oxygen measuring signal from the OS / OC 2000 and a signal from the potentiometer fitted on a burner fuel valve, the air/fuel mix can be regulated in such a manner that the burner is maintained at the oxygen value which is ideal for the specific performance at all levels.
Thanks to this design the burner needs not have a large excess capacity of combustion air in order to compensate for the following factors:

1 - Combustion air temperature, pressure and humidity.

2 - Fuel temperature, pressure, specific gravity, and calorific value.





From the same supplier:

Oxygen Indicator	Fail Safe	High-Temp. Extraction System	Measuring dust and smoke	Electric panels
OC 2000 Precise, fastreacting and sturdy oxygen indicator with alarms and safe control capabilities. Includes the OS 2000 probe.	FS 2000 'Fail Safe' offers approved and reliable RPM control of combustion air fans.	ETS 2000 Offers oxygen measurement in gases upto 1400 ° C and higher - also in harsh environments.	VEM 252 ensures robust and economical optical measuring of smoke density and dust concentration.	Complete electric panels - afull range from the most simple ON/OFF panels to state-of-the-art computeri-zed solutions with illustrative mimic diagrams.

Please ask for further details from:

SCAN TRONIC
COMBUSTION OPTIMIZING
HADSTEN - DANMARK