

Scan Tronic

Scan Tronic was founded in 1992 by a skillful engineer, who obtained his first patent under the development of the first oxygen controller. Having an experience of more than 20 years, Scan Tronic is a significant player of the Danish Combustion market, bringing a new version of doing business apart from pollution or spending incredible sums of money.

Being a fresher in the electronics industry, Scan Tronic worthily demonstrates the dignity in sustaining three most important pillars of the combustion optimization branch:

1. Innovative ideas in terms of technology and design
2. Combustion equipment for a more provident manufacturing
3. Sustainability

ScanTronic ApS is an electronics company focusing its production on equipment for combustion optimization based on measuring the excess of oxygen in the flue-gas.

All units are developed in close contact with burner maintenance technicians and both application and regulation are adapted very close to the standard procedures used at burner regulation.

All Scan Tronic's products are strictly developed under the Standard Regulations of the EMC directive 2004/108/EEC, together with our maintenance technicians.

ScanTronic's products are distributed by a number of exclusive distributors throughout Europe. These distributors are divided in two types, namely: burner maintenance / retrofitting companies and general measuring equipment distributors.

End users are typically industry heating plants, district heating plants and thermal electricity plants.

Scan-Tronic has three main products: oxygen controllers OC 2016 and OC 2017, Sensor OS 2014 and a guiding tube G.T.104.130.

OC 2016 is an oxygen controlling instrument, designed to measure the content of oxygen. Because of the continuous process of O₂ measurement, the fuel combustion is under a painstaking control, which will automatically minimize the harmful substances. Due to its innovative features it contains a signal amplifier a wide band sensor and a cable of connection between these two. OC2016 has proven to be one of the most quality devices on market with one of the best prices someone can find.

OC2017 is a flagged product of our development, it is modern platform that is compatible with almost all systems and with software upgrade almost with all sensor technologies, and touch screen makes it easy to operate to all users.

Idea was with this product to have unique modular platform that can be upgraded to any future development without changing hardware, only software upgrade that can be easy installed with micro SD card. With two analog input, two output, CAN bus and MODBUS connectivity all of that with our proven quality and long life, OC2017 makes respectable device that will fit service for long time and match all our costumers requirements and needs.

Wide band Lambda sensor **OS 2014** is a planar ZrO₂ dual cell with integrated heater and is designed to measure the oxygen content value of exhaust gases.

The heater supply voltage is controlled, so the temperature of the sensor is kept at the operation point. During the water condensation phase the heater power is limited to avoid damage to the sensor's ceramic.

Sensor OS 2014 operates in combination with a special developed Oxygen Control OC 2016 from Scan Tronic.

Fluegas -guidetube part number 104.130 is an accessory to Wide band lambda sensor OS 2014, available in two length versions(250mm/450mm). The flue gas tube has two functions. The first one is to direct the flow of flue gas direct through the sensor. The second function is to protect the sensitive parts inside the sensor from dust, from combustion, helping in this way to increase the life time of the sensor.

Besides these main products, Scan Tronic has many other accessories such as: calibration suitcase, calibration adapter, connection cable, VEM 252 and RS 232 Interface.

ScanTronic's equipment can be used with all types of fuels. Factors such as long life of the measuring cells, easy cell exchange and reasonable cell price render our products the best alternative for measuring excess oxygen in flue-gasses.

All our employees are devoted professionals of their fields. Each of them, with a different background and an exclusive sort of experience, contributes effectively for offering the upper value proposition sustained by specific product requirements and maximized customer service.

Apart from that we are always ready to help our customers, in case they need customer support, for achieving a more proactive approach, aimed to deliver high-quality products.

