**SCHEDA TECNICO-INFORMATIVA ARGO\_INGLESE**



**Why use**

  is a **new generation *opacity analyser*.**

 **It analyses larger areas than** other equipment currently on the market, up to 200 metres, taking advantage of a **long span** optical capacity,so it can be used in tunnels, including in road tunnels, in underground car parks, in heavy vehicle depots and in the logistics field where vehicles have access.

 **Extremely accurate field analysis** is used to guide an automatic forced ventilation system to clean the air. The **detected measurement** provides substantial energy savings sending an impulse for aspiration and for expulsion of polluted air **only when a real** pre-established critical threshold has been reached.

 **Optimisation of working costs:** activating the fans only when it is really necessary, with resulting **energy savings**, while maintaining **continuous road safety**.

 **Very easy** to instal and program

 **Very low** assembly, wiring and maintenance costs

 **Maximum versatility** as it can be installed horizontally or vertically and can work at any angle with the use of an adjustable bracket.

 **Installation possible at different distances** through use of micrometric alignment device and in-built diaphragm.

 **Great stability** over time through the use of a double infrared beam.

 **CONTROLLER for programming and calibration** with capacity for

 Installation in the field at human height in safety with easy access even where there is traffic present

 Basic configuration for two Analysers, with 4-20mA or 0-5V output

 Control board for reading two analogical inputs 4-20mA or 0-5V and two ON-OFF inputs.

 Real time display of opacity levels in percent, in dB and for the calculation of *k*, i.e. the coefficient of light absorption.

 Opacity level log in internal memory. Settable sample times.

 Data can be downloaded from USB port

 Progamming keyboard can be protected by password

 **High resistence**self-extinguishingV0 class plastic case.

 **Marked** - EMC test at 30 Vm.

 **Protection rating** of equipment **IP65 certified.**

 Manufactured in **compliance with RoHS and Reach directives -Eco compatible.**

For further information and details, please send your questions to [info@setronicverona.com](http://tunnelbuilder.com/mail/src/compose.php?send_to=info%40setronicverona.com) and you’ll be contacted asap from us.