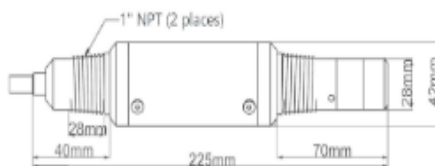


## ROBUST INDUSTRIAL PROBES

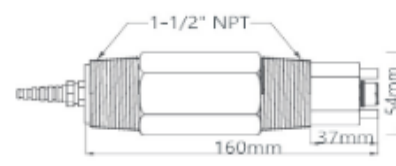
All the probes are specially designed for harsh environments with high level of suspended solid.



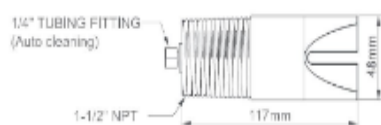
ORP/pH Probe



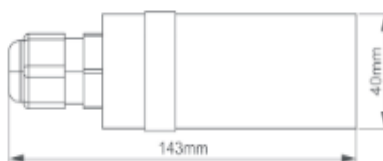
Dissolved Oxygen Probe



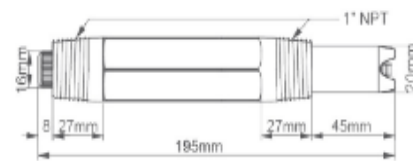
pH Differential Probe



Total Suspended Solid Probe



Turbidity Probe



Conductivity Probe

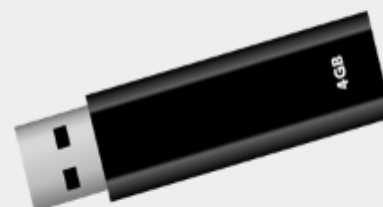
## USER-FRIENDLY INTERFACE



Note: Click on image to view it large.

The colour touch screen and intuitive interface available in 8 different languages (Chinese, English, French, German, Italian, Portuguese, Spanish, Turkish) makes very easy to test or configure the analyser. Many test functions allow to test and troubleshoot each element of the analysers (light signal, pumps, solenoid valves, etc...) to setup quickly a maintenance diagnostic. The complete configuration can be saved on a USB key and reload if necessary.

## COMMUNICATION



Additional parameters are available like status code, error code, calibration values and pumps run time. Basic 4-20 mA output modules can be plugged on the main board for each measuring channel, in the limit of 12 modules. A USB port enables to download on any USB key the last 5000 recorded measurements as well as a diagnostic file containing the configuration and useful information for remote troubleshooting. The new web interface makes possible to drive remotely the analyser from any computer, tablet or i-phone with a web browser. For this, an optional Wi-Fi or Ethernet module is added inside the analyser to connect it to an existing network with an internet gateway. The recorded measurements file can be imported to Excel for graphs or other treatments. The software of the analyser can be upgraded by connecting a USB key.

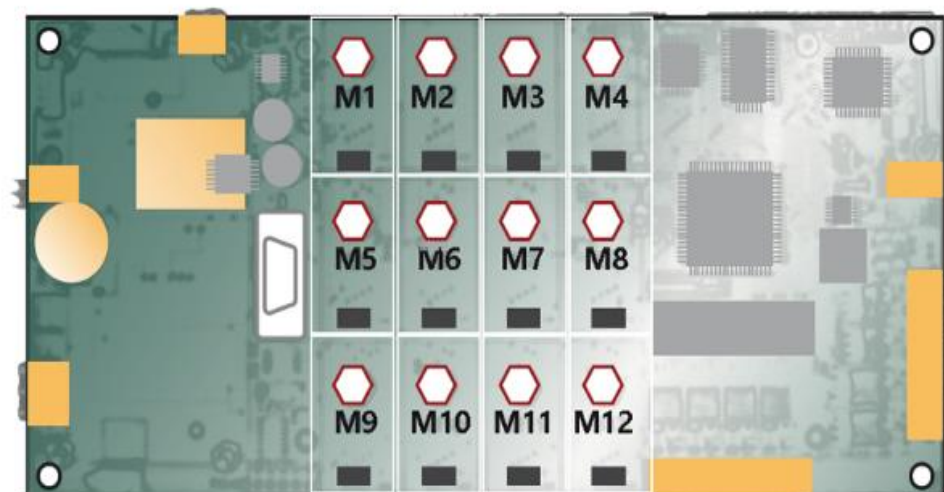
## LOW MAINTENANCE AND HIGH RELIABILITY

The EL300 delivers a periodic 12V output to drive an air compressor to clean the probes equipped with air cleaning. The IP65 enclosure with an acid resistant protection film on the screen assumes an efficient long term protection of the analyser.

## MODULAR CONCEPT

The EL300 main electronics board includes 12 sockets that can receive input or output modules.

Input modules concern mainly pH and conductivity, while output modules can be 4-20 mA output or relays for high or low alarms. A RS485 port directly connects to a series of RS485 probes for dissolved oxygen, turbidity (high range and low range) or pH with long cable distance. Several probes can be connected in parallel on the same RS485 port. A scan function in the software automatically recognises the network of probes connected.



## EL300 DIMENSIONAL DRAWING

