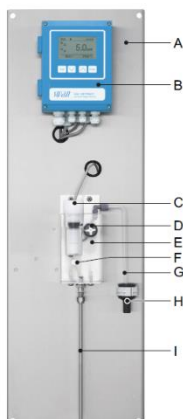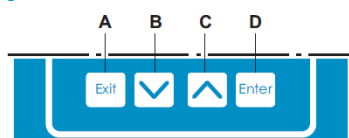# Swan AMI Oxytrace
Quick Reference Guide

Overview


A – Panel
B – Transmitter
C – Oxygen Sensor
D – Flow sensor
E – Flow cell
F – Flow regulating valve
G – Sample outlet
H – Drain funnel
I – Sample inlet

Keys

A – to exit a menu or command (rejecting any changes) to move back to the previous menu level
B – to move DOWN in a menu list and to decrease digits
C – to move UP in a menu list and to increase digits
D – to open a selected sub-menu to accept an entry

Display
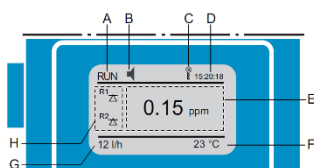
A – RUN normal operation
HOLD input closed or cal delay: Instrument on hold (shows status of signal outputs).
OFF input closed: control/limit is interrupted (shows status of signal outputs).

B – ERROR 🔇 Error 🔆 Fatal Error
C – Keys locked, transmitter control via Profibus
D – Time
E – Process values
F – Sample temperature
G – Sample flow - 8 – 25 l/h
H – Relay status

Relay status, symbols

△ ▽   upper/lower limit not yet reached

▲ ▼   upper/lower limit reached

▯   control upw./downw. no action

▮   control upw./downw. active, dark bar indicates control intensity

▭   motor valve closed

▬   motor valve: open, dark bar indicates approx. position

🕐   timer

🕤   timer: timing active (hand rotating)

Swan AMI Oxytrace
Quick Reference Guide

Maintenance

|	
6 monthly	• Clean the Oxytrace G membrane with a soft tissue. • Clean the Faraday electrode (if installed)
Yearly	• If necessary, replace filling electrolyte. If the sensor is exposed to air frequently and during long time intervals, the electrolyte and membrane may have to be changed earlier. • Clean flow cell and flow meter, if dirty
Every 2nd year	• Replace Swansensor Oxytrace G membrane by using a new, pre-filled sensor cap.

Oxytrace
Maintenance
Video

Oxytrace
Verification
Video

Oxytrace
Calibration
Video

How to remove Oxytrace Sensor
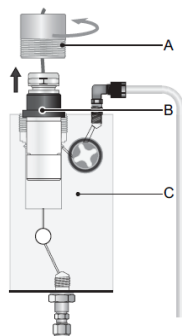
A – Fixing sleeve
B – Sensor
C – Flow cell

• Unscrew the fixing sleeve [A].
• Remove the sensor from the flow cell.

Note: A vacuum may form when the sensor is pulled out. Do not use force!
The sensor can be easily removed if the flow control valve is slightly opened.

Reorder codes

Product Code	Description	Image
A-87.290.050	Sensor Cap Oxytrace G	

Error Messages

To view active error messages, press ENTER to open menu system, select MESSAGES -> PENDING ERRORS. Consult the manual for a full list of error messages.

HINT: With any Swan system, press ENTER 3 times from the home screen to bring up the PENDING ERRORS list.