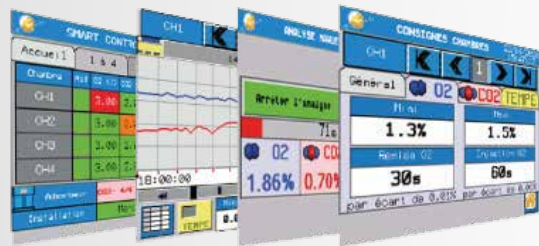# SMART CONTROLLER

CA MANAGEMENT INTEGRATED INTO CO2 ABSORBER

· Integration into the CO2 absorber
· Programming gas rate control setpoints
· Automatic regulation by conditioned release
· Smart CA management

The system measures and makes corrections to reach the configured setpoints.

Number of CA Cold rooms : 1 - 10 (1 Smart Controller per absorber)

Smart Controller Managament tool
· Display: 5.7-inch colour touchscreen
· Remote access to the screen via Microsoft Internet Explorer and mobile application
· Connection: Ethernet network
· Memory: USB
· Automatic e-mailing system
· Sequential temperature measurement system
· Network printer link (HP PCL4 type)

Available languages: English / French / Spanish / Portuguese

TECHNICAL DATA

VALUE	SENSOR	SCALE		ACCURACY	TYPE OF MANAGEMENT
O_2	Zirconium dioxide cell	0-25 %		+/- 0.1 %	Proportional
CO_2	NDIR	0-5 % 0-10 % 0-30 % 0-100 %		+/- 0.1 %	Proportional
C_2H_4	X	X		X	X
Temperature	PT100	-10 +40 °C (other on demand)		+/- 0.1 °C	Ø
Pressure	Additional Controller	-50 + 50 mmH$_2$O		+/- 0.1 mmH$_2$O	Real Time
Humidity	X	X		X	X

OPTIONS

Data Storage	USB pen drive	**Connection**	6/8 (prelevement)
Remote access	Optional	**Analysis flowrate**	1 l/m
Power supply	Three-phase 400 V / 50 Hz	**Distance prelevement**	Up to 200m

ABSOGER
CONTROLLED ATMOSPHERE