

## Options

# CO<sub>2</sub> Gassing Option

*Infrared based CO<sub>2</sub> gas monitor*

*Regulation: 0.1 ... 10% CO<sub>2</sub>*

*Process temperature range: 20 - 45 °C*



## CO<sub>2</sub> Carbon Dioxide Option

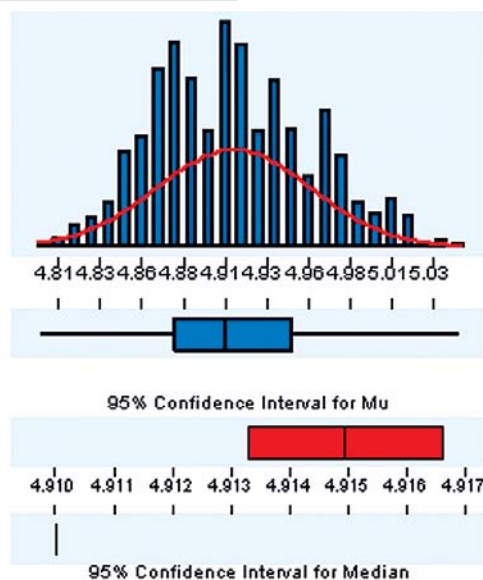
As StoreX incubators have to cope with frequent accesses they use a very advanced CO<sub>2</sub> controller which is extremely accurate, fast and stable.

The CO<sub>2</sub> Option of StoreX consists of

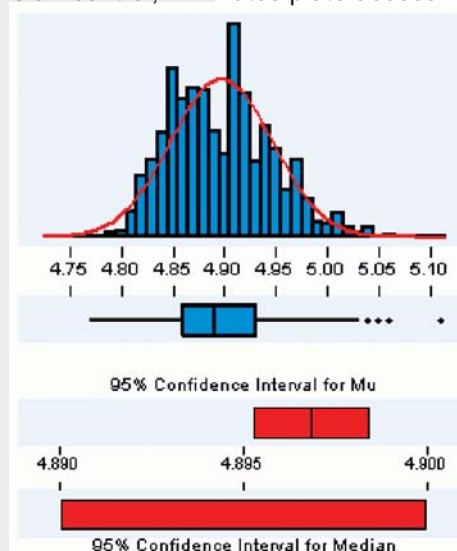
- Gassing conditioner
- Gassing Controller
- Measurement Cell

Specifications		
Measuring Range	0..10	% Vol.
Input Pressure	1	bar type.
	4	bar max.
Gas Flow	~10	l/min max.
Gas Consumption @ 5 % CO <sub>2</sub> , 37°C	<1	l/h standby
	~7	l/h 2-min.-access cycles
	~18	l/h 30 sec.-access cycles
Measuring Wavelength	4200	nm
Accuracy	+/- 3	% FS
Stability	+/- 5	% over 12 month
Repeatability	+/- 0.5	% at full scale
Response Time	~30	s
Warm-up Time	5	min. operation
	30	min full accuracy
MTBF	5	years

STX220 CO<sub>2</sub> control, 2 minutes plate access



STX500 CO<sub>2</sub> control, 2 minutes plate access



Order Information	
Fast CO <sub>2</sub> gassing option, linear precision IR absorption detector, control, display and remote readout, 0..10% vol., Gassing conditioner	Order Nr. 9118 11 12
Additional CO <sub>2</sub> gassing option, linear precision IR absorption detector, control, display and remote readout, 0..10% vol.	9118 11 07