



# Clinic, Emergency, MRI – optimized CAP201 versions

## Features

- Highest measurement accuracy
- Robustness guaranteed
- Low energy consumption
- Compensation of aging effects

New!

Customized for use in...



CLINIC



EMERGENCY



MRI



	CLINIC	EMERGENCY	MRI
CO <sub>2</sub> value output rate		8/40 Hz (selectable)	
Measurement resolution		0.1 vol %	
CO <sub>2</sub> units	partial pressure in kPa and mmHg, concentration in Vol.%		
Measurement accuracy (better than required by ISO 80601-2-55)	In range [0, 3.7] vol%: approx. ±0.26 vol%	In range [0, 8]vol%: ±(0.26 vol% + 5% of real concentration)	In range [8, 16]vol%: ±(0.43 vol% + 8% of real concentration)
Measurement range		[0, 16] vol%	
Rise time T10-90		<150 ms @ 80ml/min	
Breathing rate range		3 – 150 breaths/min	
Calibration period (field)		Not necessary	
Start-up time (warm-up)		< 5 s	
Average power consumption		1.0 W (+ 0.3 W with pump)	
Temperature range	[5, 45]°C		[-10, 65]°C
Pressure range	[700, 1100] hPa		[540, 1200] hPa
Relative humidity range		5 % – 95 %, non-condensing	
Size of board		70 mm x 40 mm x 26 mm (LxWxH)	
Weight		69 g (incl. pump)	
Tolerant to magnetic fields up to 3T		no	yes

## CONTACT

+49 9131977986-888  
cap201@corscience.de