



# BRIGON 520

**Electronic instrument for direct CO<sub>2</sub> and temperature measurement**

**The ideal start-up in the electronic measuring instruments**



## Technical data

Measuring of	CO <sub>2</sub> concentration	Flue gas temperature	Ambient air temperature
Measuring range:	0...20,0 Vol% CO <sub>2</sub>	0 °C ... + 600 °C type K	0 °C ... + 50 °C
Resolution:	0,1 Vol%	0,1 °C	0,1 °C
Deviation:	≤ ± 0,2 Vol%	≤ ± 2 °C (to 125 °C), ≤ ± 3 °C (125...250 °C), ≤ ± 4 °C (from 250 °C)	≤ ± 1 °C
<b>Calculating of</b>	Oxygen, stack loss, efficiency, excess air		
<b>Fuels:</b>	Light oil, natural gas, liquid gas, heavy oil, wood, coal		
<b>BRIGON fixed service prices each of the first 4 years of use:</b>		<b>€ 50</b>	
The price includes complete maintenance, calibration certificate for all measuring channels on TÜV approved test stand, cleaning and software update, one year warranty extension.			
Item no	<b>BRIGON 520</b> TÜV By RgG 276, approved acc. to EN 50379-1 and EN 50379-2 for CO <sub>2</sub> , O <sub>2</sub> and temperature to determine stack loss for non-roomsealed heating appliances		
5520	incl. flue gas analyser, probe with thermocouple 240 mm and connecting cable 2 m, cone, softcase with magnet, batteries		
Item no	<b>BRIGON 520 spares and accessories</b>		
6045	BRIGON carrying bag S		
6054	BRIGON carrying bag M		
5724	Batteries Alkali-Mangan	pack of 4 pieces	
5385	Batteries Ni / MH	pack of 4 pieces	
2986	Charger with timer and automatic switch to stand-by mode		
5522	Probe 240 mm with thermocouple and connecting cable 2 m		
4456	Cone		
5327	Maintenance set for BRIGON 500 (O ring, lubricant oil, cable coupling)		
3324	Particle filter	pack of 4 pieces	
5581	Filter cap with O ring		
5582	Filter casing		
5525	Softcase with magnet grey		
5583	Battery case cover		
6265	Aluminium adhesive seals for test holes	pack of 10 x 10 pieces	
6337	Sealing clamps, aluminium with spring 15 mm	pack of 100 pieces	

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