

## I-GRAPH X

### Application: Natural Gas 3 (C6+ Energy Measurement Extend)



XS



XPR



XPM



XPX

#### Natural Gas 3

#### C6+ Energy Measurement Extend

App.Note: 71007

#### Analyser:

7X0-43-56-X-40-26-X-XX

#### Components sensitivity %

• O <sub>2</sub> /N <sub>2</sub>	0,0500
• CH <sub>4</sub>	0,0100
• CO <sub>2</sub>	0,0050
• C <sub>2</sub> H <sub>6</sub>	0,0010
• C <sub>3</sub> H <sub>8</sub>	0,0010
• i-C <sub>4</sub>	0,0010
• n-C <sub>4</sub>	0,0010
• neo-C <sub>5</sub>	0,0005
• i-C <sub>5</sub>	0,0010
• n-C <sub>5</sub>	0,0010
• C <sub>6</sub> +	0,0020

	I-GRAPH XS	I-GRAPH XPM	I-GRAPH XPR	I-GRAPH XPX
Order number	IG 87 00 30 - 057			
Technical Specifications				
Dimension (W x D x H)	31 x 29 x 10 cm	15 x 21 x 32.2 cm	48 x 41 x 14 cm	27 x 54 x 22 cm
Weight	3.5 kg	2.7 kg	4 kg	19 kg
Operating temperature	-20 °C up to +50° C			
Carrier gas	Helium			
Carrier gas supply	extern/mobile	external	external	external
Carrier gas ports	Vici, int. thread 10-32, tube 1/16"	Swagelok, ext. thread, tube 3mm		
Carrier gas ports optional (please ask for your request)	Vici, Swagelok, internal or external, tube 1/16", 1/8", 1/4", 3mm, 6mm			
Carrier gas pressure / regulation	3.5 bar +- 0.2 bar / internal mechanical pressure regulator			
Carrier gas consumption	approx. 5ml/min			
Sample Gas	non condensing			
Sample gas ports	Vici, int. thread 10-32, tube 1/16"	Swagelok, ext. thread ,tube 3mm		
Sample gas pressure / regulation	1.5 bar +- 0.2 bar / internal mechanical pressure regulator			
Sample gas consumption	approx. 0.5l/min via internal fast loop,			
Sample gas preparation	(optional) see option list			
Relative air humidity	< 60%			
Interface	USB or RS232	all interfaces possible (WLAN optional)		
Mechanical rating	IP44	IP44	IP44	IP 65 ATEX
Power in	24 VDC			
Power consumption	15 W average / up to max. 90 W (during injection and column conditioning)			