


design and construction:	according to the Pressure Equipment Directive (P.E.D.97/23/EG)	
straightener:	n.a.	
flange connection:	acc. to DIN or ANSI	
material meter body:	ASTM A350 LF2	
surface treatment meter body:	painted	
installation length (L)	850 mm	
maximum design pressure:	acc. to flange rating	
design temperature range:	-10° / +50°C	
maximum operating pressure:	acc. to flange rating	
operating temperature range:	-10° / +50°C	
medium:	natural gas (dry, clean and non-corrosive)	
flow direction:	front to rear	
pressure point:	¼ NPT with EO6 connection	
lubrication system:	n.a.	
high frequency sensors:	2x NJ1.5 proximity switch	
options:	parallel units to increase capacity to any required maximum	
calibration:	Instromet QA / NMI / Notified Body	
Deviation curve		
linearity:	within band of 0.6% at 10-100% Q_{max}	
repeatability:	better than 0.05% at 10-100% Q_{max}	
long term stability:	better than 0.05% per year at 10-100% Q_{max}	
pressure dependence:	less than 0.6% at 10-100% Q_{max}	
temperature dependence:	less than 0.01% per °C at 10 -100% Q_{max}	
documents:	declaration of conformity	
	Instromet QA calibration certificate / NMI / Notified Body	
	material certificate acc. to EN10204-3.1B (on request)	

n.a. = not applicable

available types:		flange rating	Q_{max} (m ³ /h)	Q_{min} (m ³ /h)	pulse value HF (imp/m ³)	Dp *) (mbar)
Type	Size					
IRPP	DN100	class 600	400	2	ca.10150	6

*) pressure loss at Q_{max} , natural gas ($\rho=0.8\text{kg/m}^3$)