



## Fixed PFA Turbine Flowmeter Non-Gamma Model

The PFA flow sensor of Equiflow has low flow sensing capabilities in a wide range of applications, and is suitable for clear, opaque, neutral, corrosive and aggressive liquids. An ultra light-weight turbine rotor follows the fluctuation of flow very accurately and generates a high-resolution IR reflected signal. In either flow-controlled or monitoring applications, the PFA flowsensor can measure flow rates and totalize.



### Characteristics:

Turbine flowsensor with high resolution output  
Flow Measuring by revolutionary IR turbine rotor reflection  
PFA / Teflon for high chemical and corrosive resistance  
High accuracy and repeatability ("Swiss made")  
Suitable for opaque liquids  
PFA meet all the requirements of the US Pharmacopeia Class VI  
BSE/TSE certificate available  
All wetted parts are made of Teflon® PFA with a ruby bearing  
Autoclave / ETO

Patent US5388466

### Options:

Programmable K-factor  
Flow Alarm level  
Batch function with preset

Model	0045	0085	0125
Flow range	0.06 - 2 L/min	0.5 - 20 L/min	1.5 - 40 L/min
Accuracy	1% of reading	1% of reading	1% of reading
Repeatability	< 0.15 %	< 0.15 %	< 0.15 %
Wetted parts	PFA / Ruby	PFA / Ruby	PFA / Ruby
Tube connection thread/hose barb	1/8" NPT / 7 mm	1/4" NPT / 12 mm	1/2" NPT-BSP / -
Tube length in mm	52	60	72
Liquid temperature in °C	-20 tot +80	-20 tot +80	-20 tot +80
Max. pressure at 20° C in MPa	2 (20 Bar)	1.5 (15 Bar)	1 (10 Bar)
Viscosity in cSt.	0.8 - 10	0.8 - 10	0.8 - 10
Resolution in microL/puls	9	164	500
K factor (water) in pulse/Litre	110.000	6.100	2.000
Power supply	5 - 30 Vdc	5 - 30 Vdc	5 - 30 Vdc
Output signal	5 - 30 V sq. wave	5 - 30 V sq. wave	5 - 30 V sq. wave
Power consumption	34 mA at 5 V	34 mA at 5 V	34 mA at 5 V
Electrical cable length	PVC 1 meter	PVC 1 meter	PVC 1 meter
Other Specs on request			