





مقایسه رقبا

فلوگامپیوتر رایا



Model	FlowBoss S600	UNIFLOW 200	OMNI 6000	RAYA
Manufacturer	Emerson	Process Control	OMNI	AHAR RAYA
				

Application

Gas	X	X	X	X
Liquid	X	X	X	X
Prover	X	coming soon	X	-

Units

Imperial units	X	X	X	X
Metric units	X	X	X	X
Number of meter runs	10	8	4	1
HMI Writing	X	X	X	X
HMI Reading	X	X	X	X

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Primary elements

Orifice	X	X	X	X
Nozzle	X	X	X	X
Venturi	X	X	X	X
Vortex	-	X	-	-
Turbine	X	X	X	X
Annubar	X	X	X	-
V-Cone	X	X	-	-
Ultrasonic meter	X	X	X	X
Coriolis meter	X	X	X	-

Calculations Standards, density equation

ISO 5167 (orifice)	X	X	X	X
AGA 3 (orifice)	X	X	X	X
AGA 5 (heating value)	X	X	X	X
AGA 7 (turbine)	X	X	X	X
AGA 8 (compr. factor)	X	X	X	X

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AGA 9 (ultrasonic)	-	X	-	X
AGA 10 (speed of sound)	X	X	X	X
AGA 11 (coriolis)	-	X	X	-
NX 19 (compr. factor)	X	X	X	X
ISO 6976 (energy)	X	X	X	X
API Chapter 11.1 (crude oil)	X	X	X	X
Slave support				
Ultrasonic	X	X	-	-
Gas Chromatograph	X	X	X	X
Reports				
second	-	-	-	X
minute	X	X	X	X
Hourly	X	X	X	X
Daily	X	X	X	X
Monthly	X	X	X	X
Batch	X	X	X	-

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Hour Detail	X	X	X	X
Day Detail	X	X	X	X
Month Detail	X	X	X	X
Calibration	X	X	X	X
Audit Trail	X	X	X	X
Alarm	X	X	X	X

I/O up to (Channel/Board)

Analog Input	12	8	7	3
Analog Output	4	4	6	-
Digital Input	16	18	12	3
Digital Output	12	4	12	3
RTD	3	4	3	1
Pulse inputs	4	4	4	1
Pulse outputs	5	4	1	1
Frequency (density)	3	4	1	-

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Ports

RS232	X	X	X	X
RS485	X	X	X	X
Ethernet	X	X	X	X
USB	X	X	-	X
Modem	-	-	X	-
Serial Printer	X	X	-	-

Protocol

Modbus	X	X	X	X
Profibus	-	-	-	-

Protocol

VAC	-	110/220	110/220	110/220
VDC	24	24	24	24