

## Product Feature Matrix Magnetic Flowmeters



Models	<b>9300A/IMT25</b>	<b>9100A or 9200A/IMT25</b>	<b>8000A/IMT25</b>	<b>2800/IMT96MagEXPERT</b>	<b>4700S Flowtube/ 47(XMTR) or 48 (XMTR)</b>	<b>MAG2IC/MAG2RT/ MAG2RS</b>
Application	General Purpose flowmeter for Chemical and Process Industry	Standard Application in the water & wastewater industry and Process Industry	General Purpose Wafer flowmeter for Chemical and Process Industry	Tough Application Flowmeter slurries, pastes, pulp stock and non-uniform solids	Sanitary Flowmeter Used for the Food and beverage and Pharmaceutical	Standard Application in the water & wastewater industry, Process Industry and General Purpose Wafer flowmeter for Chemical and Process Industry
Size	1/2"-16" (DN15-DN400)	1"-78" (DN25-DN2000)	1/16"-6" (DN 1.6-DN150)	1/10"-36" (DN2.5-DN900)	1/2"-4"(DN10-DN100)	Wafer Body: 1" – 4" Flanged Body: 3/8" – 8"
Lining Materials	retained pfa Lined ptfe line polyurethane line	Neoprene Linatex EPDM Ebonite PTFE	Ceramic retained PFA	pfa Lined Neoprene ptfe line polyurethane line	retained pfa Lined Ceramic	retained pfa Lined Ceramic
Electrode Material	Hastelloy C and Conical Platinum-Iridium 316 ss Conical 316 ss Titanium Tantulum-Tungsten	Hastelloy C Platinum-Iridium 316L ss Titanium Tantulum	Hastelloy C and Conical Platinum-Iridium 316L ss Conical 316L ss Titanium Tantulum-Tungsten	Hastelloy C and Conical Platinum-Iridium 316L ss Conical 316L ss Titanium Tantulum-Tungsten	Platinum-Iridium Hastelloy C	Hastelloy C-276 Platinum-Iridium 316L ss Titanium, Tantalum, Nickel Zirconium
Minimum Conductivity	5 $\mu$ S	5 $\mu$ S	5 $\mu$ S	2 $\mu$ S	5 $\mu$ S	10 $\mu$ S
Pressure Flange Type	ANSI Metric	ANSI Metric AWWA	Wafer (flangeless)	ANSI Metric AWWA		ANSI
Min and Max Flow Rate	Up to 18,000 U.S GPM	Up to 500,000 U.S GPM	Up to 2440 U.S GPM	Up to 99,000 U.S GPM	Up to 1100 U.S GPM	Up to 4900 U.S GPM
Communications	HART FF FOXC0M	HART FF FOXC0M	HART FF FOXC0M	HART (PENDING) FOXC0M	HART 4-20mA	HART 4-20mA
Configurable LCD Display	X	X	X	X	X	X
Measuring Accuracy (XMTR)	$\pm$ 0.25% of reading (1/2"-6") $\pm$ 0.5% of reading (8-16")	$\pm$ 0.5% of reading	$\pm$ 0.25% of reading (1/2 to 6 in) $\pm$ 0.5% of reading (1/16 to 1/4 in)	$\pm$ 0.50% of rate (1/2 to 12") $\pm$ 1.0% of rate (14 to 36")	$\pm$ 0.25% of reading $\pm$ 0.5% of reading	$\pm$ 0.5% of rate

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Flowtube Enclosure	NEMA 4 NEMA 4X IP66 IP67 OPTIONAL	NEMA 4X IP67 IP68 OPTIONAL	NEMA 4X IP67 OPTIONAL	NEMA 4X IP65 IP66	NEMA 4X IP67 NEMA 6 (Optional) IP68 (Optional)	NEMA 4X IP67 NEMA 6 (Optional) IP68 (Optional)
Certifications	CSA FM	CSA FM	CSA FM	CSA FM	UL Ulc	UL Ulc
Specifications IMT25 HART or FoxCom	<a href="#">PSS 1-6F5 A</a>					
Specifications IMT25 FOUNDATION Fieldbus	<a href="#">PSS 1-6F5 B</a>					
Specification 9300A	<a href="#">PSS 1-6F4 A</a>					
Specifications 9100A	<a href="#">PSS 1-6F9 A</a>					
Specifications 9200A	<a href="#">PSS 1-6F10 A</a>					
Specification 8000A & 8300 Sanitary	<a href="#">PSS 1-6F2 C</a>					
Specifications IMT96	<a href="#">PSS 1-6F8 A</a>					
Specifications 2800	<a href="#">PSS 1-6B5 A</a>					
Specifications 2800 Sanitary	<a href="#">PSS 1-6B5 C</a>					
Specification 47 / 48 Sanitary	<a href="#">PSS 1-6G1 A</a>					
Specification 4700S	<a href="#">PSS 1-6G2 A</a>					
Specification MAG2IC/MAG2RT/ MAG2RS	<a href="#">PSS 1-6G3 A</a>					
Sizing	<a href="http://www.flowexpertpro.com">www.flowexpertpro.com</a>					