



AIM Additive Injection Block

Fuel Oil Burner Block for Packaged Boilers

EM Fuel Consumption Meters
(Patent Applicable)

EM Mini Fuel Consumption Meters
(Patent Applicable)

All specialty PD flowmeters accuracies typically better than +/-0.5% of reading (application dependent).

AIM – additive injection manifold

AIM block is a compact all stainless steel manifold assembly complete with isolating, flow regulating & check valves, a fine mesh strainer, solenoid valve & a precision oval gear flowmeter.

AIM injects small amounts of modifying additives & performance enhancing agents into fuels & base product, these include lubricants, dyes, colorings, denaturants, detergents, odorizing, anti-freeze, anti-corrosion, anti-static, anti-detonating, anti-icing, anti-foaming and emulsifiers.

FUEL CONSUMPTION METERS

Trimec compact fuel consumption meters are specifically designed for fuel flow in open & return loop fuel injection systems, they provide accurate instantaneous fuel consumption readings on petrol, diesel & fuel oil fired engines of all sizes. A special feature is available which offsets the effects of flow pulsations from injectors.

BURNER BLOCKS – for packaged boilers

Boiler manufacturers generally supply a fuel consumption flow meter as part of their package. Trimec can produce a meter with a base footprint which attaches directly to the manufacturers combustion head thereby avoiding the need for external piping.

AIM general specifications

Model prefix :	AIM004	AIM006	AIM008
Process connections	3/8"NPT elbows, 3 x 90° orientation positions		
Flow range litres / min	0.01 ~ 1.0	0.03 ~ 1.66	0.25 ~ 10
US gal / min	0.002 ~ 0.27	0.008 ~ 0.44	0.07 ~ 2.65
Pulse / Litre	2800 (11220)	1050 (4200)	710
Pulse / US gal (Optional)	10600 (42470)	4000 (15900)	2

EM fuel consumption meters

Model prefix :	EM006A	EM008A	EM020	EM025
Normal size	5mm (1/4")	8mm (3/8")	20mm (3/4")	25mm (1")
Flow range litres / hr	2 ~ 100	15 ~ 550	60 ~ 2400	120 ~ 6000
US gal / hr	(0.5 ~ 27)	(4 ~ 145)	(16 ~ 630)	(30 ~ 1600)
Engine size to	500 HP	2800 HP	12000 HP	30000 HP

BURNER BLOCK general specifications

Model prefix :	BB025
Flow range (fuel oil)	1 ~ 50 liters/min (0.26 ~ 13.2 USGM)
Materials	Aluminum or 316 Stainless Steel

SUPER ACID PROOF (SAP) meters (see page 5 for full details)

Model prefix :	MP010P	MP020P
Normal size	8mm (3/8") BSP	20mm (3/4") BSP
Flow range - L/min (USGM)	0.2 ~ 10 (0.05 ~ 2.7)	2 ~ 50 (0.5 ~ 13)