

IMC Meters

IMC Metering Systems

IMC Metering Cart

General Description:

Designed specifically to meter In Mold Coatings at pressures up to 6000 psi, this meter delivers. The meters use a hydraulic drive cylinder to move a piston in a custom designed metering cylinder. Typical meters are set up at a 4:1 hydraulic to IMC ratio allowing IMC pressures of up to 6000 psi using a 1500 psi hydraulic supply pressure. This meter is used on all of the EMC² IMC systems and can be retrofitted to work on other systems. Meters come in multiple sizes from 1 cubic inch volume outputs to 90 cubic inch volumes. Numerous sealing materials are available to meet any requirement.

Features:

- Simple, 4 Bolt mounting
- Standard hydraulic cylinder to drive meter
- Maximum shot size: 1.5, 2.5, 3, 7, 16, 24, 30, 44 or 66 cubic inch (standard)
- Limit Switch Assembly to indicate full/empty
- Works with resin recirculation systems or standard solvent flush systems.
- Standard replacement parts and seals in stock
- Heavy duty "slab side" construction
- Production proven since 1982
- Fully guarded
- Can be used on conventional or high pressure IMC system

Specifications:

- 1/4" NPT resin ports
- 6000 psi rating for material cylinder
- Standard 4:1 hydraulic to material ratio
- Multiple sealing material choices
- Totally evacuates meter after every cycle
- Hardened and ground metering piston
- Heavy wall chromed and honed metering cylinder
- Bolt on end cap construction (No tie rods on metering cylinder)
- 5 pin Brad Harrison connector #41310
- Wet seal port
- Requires: 1500 PSI Hydraulic pressure

Options:

- Disconnects for the hydraulic connections
- Water cooling option
- Custom Meter sizes (1 cubic inch to 90 cubic inch)
- Electronic Meter position indicators



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WWW.EMCSQUARED.COM

6855 19 MILE RD. STERLING HEIGHTS MI 48314 586.254.1525

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