



RT Series Peristaltic Metering Pump



FEATURES:

- ✓ **World's first & only sealed AND serviceable tubing pump head**
- ✓ No need to replace an expensive pump head, tube and rotor when the tube fails. Just replace the tube.
- ✓ FLUXDRIVE™ motor technology for enhanced control, durability, and efficiency
- ✓ Push-Button tube change procedure for safe and simple tube maintenance
- ✓ Optical tube leak detection standard
- ✓ Flow rates up to 32 GPH and 100 PSI
- ✓ (4) digital inputs, (4) outputs, (2) analog 4-20mA inputs and outputs, and (2) 0-10VDC inputs
- ✓ Standard MODBUS RTU connection and optional Profibus, Modbus TCP, and Ethernet IP connections
- ✓ Onboard real-time clock and calendar for timed events, maintenance tracking, cycle counting, and performance reporting
- ✓ Equipped with a USB-C port for firmware upgrades and download of performance data and event logs



BENEFITS:

- ✓ Each rotation gives the same displacement which provides excellent metering characteristics
- ✓ Suction lift up to 30' and no internal slip is possible
- ✓ Eliminate ancillaries such as: Pulsation Dampeners, Degassing Valves, Back Pressure Valves, Strainers, Flow Meters, etc.
- ✓ Self-priming peristaltic metering pump delivers smooth chemical feed
- ✓ No moving parts in liquid path: tubing is the only wetted item
- ✓ No internal check balls or check valves
- ✓ No damage from running dry
- ✓ **PUMP WILL NOT VAPOR LOCK OR AIR BIND**

Patented rotor assembly releases tube compression during maintenance

Exceptional performance and durability with the FLUXDRIVE™ motor technology

Sustainable design eliminates the need to dispose of entire pump head cartridge containing dangerous chemical & lubricant to landfills

Fully sealed pump head with integrated optical leak detection to contain and minimize chemical exposure

Full integration to SCADA systems standard on every pump, with four 4-20mA connections and 8 digital IOs

Multiple tube materials available in every size including XL, CR, and PT for maximum chemical compatibility





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PERFORMANCE OVERVIEW

MODEL	PUMP PERFORMANCE	
RT2	5.2 gph 20 lph	100 psi 7 bar
RT3	15.9 gph 60 lph	100 psi 7 bar
RT4	31.7 gph 120 lph	60 psi 4 bar

	RT Series
Focus	Municipal, Industrial and OEM/System Integration Markets
Turndown	10,000:1
NSF-61	Yes
Warranty	5 years
Example Applications	Sodium Hypochlorite Polymers Caustic/Sodium Hydroxide Polyaluminum Chloride Fluoride pH and Odor Control Ferric Chloride Sampling Pumps Water Pretreatment Paint and Coatings



About Ingersoll Rand Inc.

Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit www.IRCO.com.

