

WRS Dosing Systems

Precision, Reliability & Smart Control for Chemical Dosing Excellence

Introduction: WRS – India's Trusted Name in Intelligent Dosing



Since 2005, WRS Dosing System (P) Ltd. has been India's leading manufacturer of electromagnetic, motor-driven, and peristaltic dosing pumps—delivering $\pm 1\%$ accuracy, zero leakage, and IoT-ready control for water treatment, pharma, and process industries.

ISO 9001:2015 certified | CE & RoHS compliant | 100% made-in-India with global standards, WRS systems power over 10,000 installations across RO plants, ETPs, cooling towers, and CIP lines.

At Pump Down Solutions LLP, we are the authorized channel partner for WRS in Western & Southern India—offering complete dosing solutions with local calibration, integration, and 24/7 support.

The WRS Advantage: Smarter Dosing. Safer Processes.

Feature	WRS Edge	Your Benefit
$\pm 1\%$ Dosing Accuracy	Digital stroke & speed control	Eliminate over/under-dosing
Leak-Proof Diaphragm	PTFE-faced, double-ball check	Zero chemical spills
IoT & 4–20mA Control	Remote monitoring via app	Real-time alerts & logging
Auto Degassing (Select Models)	Built-in air release valve	No vapor lock in NaOCl, H ₂ O ₂
Anti-Corrosive Wetted Parts	PP, PVDF, PTFE, SS316	10+ year pump life

Engineered for Critical Applications

Water & Wastewater Treatment

- Chlorine, alum, polyelectrolyte dosing
- pH correction, antiscalant injection

- ETP, STP, RO pre/post-treatment

Pharmaceutical & Biotech

- Buffer, solvent, acid/alkali metering
- USP-compliant materials
- Batch traceability with PLC integration

Food & Beverage

- CIP chemicals, sanitizers, additives
- HACCP-compliant
- Peristaltic models for shear-sensitive fluids

Cooling Towers & Boilers

- Biocide, corrosion inhibitor dosing
- Conductivity-based auto-control

Swimming Pools & Spas

- pH & chlorine auto-dosing systems
- Compact wall-mount controllers

WRS Product Portfolio: Precision in Every Drop

Series	Type	Flow (LPH)	Pressure (bar)	Best For
EMS Series	Electromagnetic	0.1 – 20	Up to 16	pH, chlorine, RO antiscalant
MDS Series	Motor-Driven	1 – 1000	Up to 10	High-volume ETP, boiler
PRS Series	Peristaltic	0.01 – 300	Up to 4	Viscous, shear-sensitive, slurry

WRS Smart Controller Digital Panel Multi-channel 4–20mA, RS485 Full plant automation

Why Pump Down Solutions LLP + WRS = Your Dosing Command Center

- **Exclusive WRS Partner** – Western & Southern India zones
- **Largest WRS spare stock** – diaphragms, valves, tubing kits
- **In-house calibration lab** – NABL-traceable accuracy
- **Turnkey dosing skids** – tanks, mixers, sensors, piping
- **IoT integration** – cloud dashboard, SMS alerts

- **On-site commissioning & training**
- **2-year warranty + AMC plans**