



## TD Series Innovative Features



### AutoDegas™

#### Features

- Automatic degassing of the pump head.
- Solenoid-actuated venting for effective gas purge cycle.
- Built in flow path design for continuous operation.

#### ✓ Flow Verification

##### Features

- Real time flow confirmation and alert system.
- Non-intrusive design with no added flow constriction.
- Software integrated directly into the pump for smart control.

#### ✓ Degassing Solenoid

##### Features

- High performance chemical resistant solenoid valve.
- Mounted directly to FastPrime port of the Liquid End.
- Actively purges gas with solenoid-actuated venting.
- Maintains chemical injection accuracy through de-gas cycle.

#### Benefits:

- Prevents airlock and vapor bubble disruptions.
- Maintains steady flow rate even in off-gassing fluids.
- Eliminates need for manual bleed valves or interventions.

#### Benefits:

- Automatically detects flow loss, blockages or gas lock.
- Enhances compliance in regulated dosing environments.
- Triggers the auto-degas cycle in case of flow loss.

#### Benefits:

- Eliminates downtime caused by vapor lock.
- Improves process reliability in tough applications.
- Enables auto-degas or stay prime functionality without process interruptions.

### AccuPrime

#### Features

- Self-adjusting system for fluid viscosity and pressure.
- Maintain prime during intermittent duty cycles.
- Features flexible user configuration using real time clock.

#### Benefits:

- Reduces manual efforts and operator error.
- Ensures accurate and consistent dosing from the first stroke.
- Enables easy and quick startup after downtime without user intervention.

### Leak Detection

#### Features

- Integrated optical leak detection sensor in the Liquid End.
- Real time monitoring with alarm output.
- Ensures safe and reliable operations with automatic shut-off on leak.

#### Benefits:

- Prevents chemical spills and exposure risks .
- Enhances environmental and personal safety compliance.
- Protects critical equipment from damage.
- Alerts operator in real time of the need for maintenance.

### FluxDrive™

#### Features

- Innovative drive technology for precise control.
- More control efficiency with full torque delivered at slow speeds.
- Wide turndown ratio without compromising accuracy.

#### Benefits:

- Improves energy efficiency.
- Contains less copper, making it environmental friendly.
- Delivers ultra-precise dosing over wide flow ranges.
- Runs cooler, improving durability and longevity.

