

Submerged Sealless Leakproof Pumps

Experience

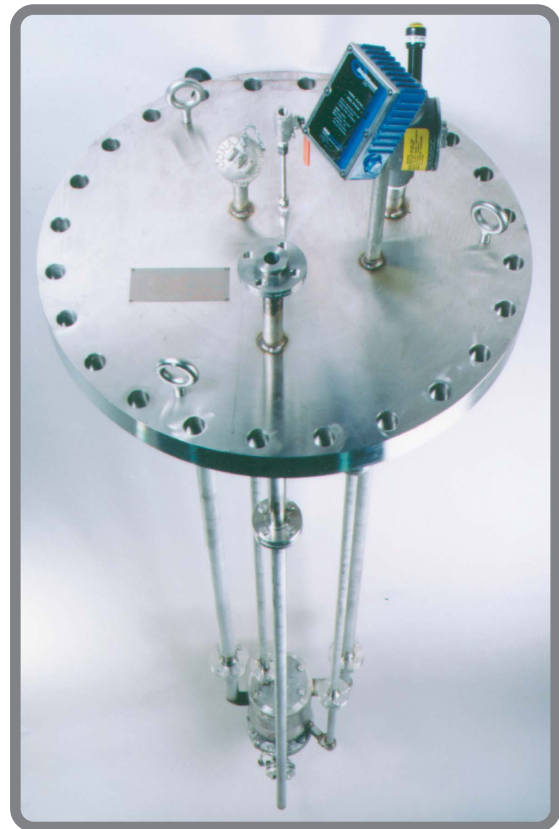
- Manufacturer of submerged sealless, leak proof Canned Motor pumps for over 50 years.
- Providing axial and radial rotor position monitoring for over 10 years.
- Active continuous Improvement Program using 6σ and Lean Manufacturing techniques.

Design

- **Sealless, Leakproof Pump:** No dynamic rotating seals.
- **Secondary Containment:** Eliminates the possibility of leakage of these dangerous fluids into the environment.
- **State of the Art Diagnostic Systems:** TRG or IntelliSense™ diagnostic systems offer Real-Time Bearing Wear Monitoring providing preventative and predictive maintenance capabilities.
- **Multiple Bearing Systems:** Carbon Graphite, Silicon Carbide or Aluminum Oxide materials available based on service.
- **Bearing Flush Arrangements:** Standard, Pressurized and Reverse Circulation available based on service.
- **Temperature Monitoring:** Thermowells with thermo couples for temperature monitoring.
- **Corrosion Resistant:** Standard materials of construction include 316SS, CA20, and Hastelloy C.
- **Submerged Designs:** Can be mounted directly into the tank. This compact design eliminates unwieldy shaft extensions, shaft alignment, mechanical seals or the need to control the temperature of the pump.
- **Enhanced Reliability** – Only two bearings and one rotating assembly. Simple design with no alignment required.

QA Testing & Certification Options

- Welding certification to ASME Section IX.
- Liquid penetrant inspection of welds.
- Certified performance test.
- Certified NPSH test.
- Special cleaning and passivating of internal, wetted parts.
- FM, CSA or European Underwriting for hazardous area classifications.



Chempump NC Series Submerged Pump