

## **IS 2373: 1981 – Water Meters (Bulk Type) – Specification (Third Revision)**

This standard outlines specifications for bulk-type water meters used in water supply systems, covering vane-wheel meters (50 mm to 300 mm) and helical meters (50 mm to 500 mm). Key features include corrosion-resistant casings made from materials like cast iron and brass, ensuring durability and protection in varying water conditions. The vane-wheel meters utilize impellers with multiple vanes for precision rotation, while helical meters incorporate a multi-threaded helical runner for higher accuracy across a wide flow range. High-quality bearings, such as sapphire and agate, are used to resist wear and prevent silt accumulation. The registration mechanism features cyclometer counters or multi-pointer dials for easy reading. Additional options include frost protection, dry-dial models, and external regulators for convenient flow adjustments, making these meters suitable for high-volume, long-term applications in diverse environments.