

IZM-Q: Precise meter-based timing flow measurement

NTEP-certified Flow Measurement

The IZM-Q series electromagnetic flow meter is an ideal solution for measuring conductive fluids and slurries, including those used in the dairy industry. With its NTEP Certification, it meets the strict requirements for applications in U.S. milk receiving systems in legal-for-trade accuracy.

The IZMS series provides highly accurate and reliable flow measurements that are unaffected by product viscosity, density, temperature, and the presence of suspended particles and solids. Its robust construction and easy installation make it a cost-effective choice for dairy processors looking to improve their production efficiency and ensure compliance with FDA regulations.

Certified for official usage:

NTEP-Certified (Handbook 44 Milk-Meter Code) for U.S. milk-receiving — delivers legal-for-trade accuracy you can trust.

- **Standard 2-Piece Design:**

Optimal performance and longevity in hot, humid process environments typically found in the food and dairy processing industry.

- **Accurate and Reliable Measurements:**

Automatic flow ranging and unique signal processing methods developed from years of experience in the food and dairy industry provide exceptional accuracy and immunity against process and environmental variables.

- **Simple Commissioning and Programming:**

The control unit features a display and buttons option for quick + easy programming, without opening the housing.



Technical specifications IZMS at a glance

- Measuring range from .88 GPM to 880 GPM, NEPT-Certified range from 29...634 GPM
- Measuring accuracy: $\pm 0.25\%$ $\pm 2\text{mm/s}$, Repeatability $\pm 0.1\%$
- High measuring accuracy even at low flow rates
- For liquids, slurries and pastes with a minimum conductivity of $> 5 \mu\text{S/cm}$
- Process temperature up to 163°C (329°F)
- Power options: Field selectable 115VAC - 230VAC/50-60 Hz/single phase, 10 - 30 VDC option
- Multiple output pulse and analog configurations
- NTEP Certificate No. 20-050

Order code

IZM Electromagnetic flow meter

Converter type

S Standard converter

T Temperature sensor connection

Q Fixed character

Flow tube

050 2"

065 2½"

080 3"

Display

0 No display (only with "S" converter)

D Display option

Operating power

0 24 V DC

1 110 V AC

Interconnect cable

0 25' cable

1 50' cable

2 75' cable

3 100' cable

1 Fixed character

Meter length

0 Standard

1 13¼"

Country

0 US

C Canada

IZM S Q / 050 / 0 / 0 / 0 / 1 / 0 / 0



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