e.fluid Italy

Walsn

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PRODUCT OVERVIEW FOR CORIOLIS FLOWMETERS

Walsn®

The registered trademark of Walsn

- **UniMass**

  Specifically refers to Walsn's Coriolis flowmeters

- **CFS**

  Abbreviation of Coriolis Flow Sensor where CFS specifically refers to Walsn's UniMass flow sensors

- **CFC**

  Abbreviation of Coriolis Flow Converter where CFC specifically refers to Walsn's UniMass flow converters

UniMass U

UniMass V

UniMass U

- Classic tube design with U or Ω shapes.
- Highest measurement sensitivity among different flow tube designs.
- Low drive frequency to tackle difficult multiphase conditions.
- Patented balancing structures to ensure measurement stability.
- Available with single bent-tube design to achieve low flow measurement.
- DN 0.5 to DN 250.

UniMass V

- Twin shallow-bend V-shaped tube design.
- Excellent self-draining capability when installed vertically or with a small angle.
- Achieving an optimal combination of installation space and performance.
- Optional high-pressure models, suitable for high-pressure measurement applications.
- DN 2 to DN 40.

UniMass S

UniMass E

UniMass S

- Twin deep-bend V-shaped tube design.
- Achieving the best peak performance with optimized installation space.
- Unique flow sensor design with multiple patents to meet challenging application requirements.
- Secondary pressure containment as a standard to improve site safety.
- Enhanced measurement accuracy over a wide range of process conditions.
- DN 10 to DN 100.

UniMass E

- Compact twin V-shaped tube design.
- Innovative structural design to achieve compactness while maintaining measurement capabilities.
- Cost-effective solutions for general purpose applications.
- High drive frequency for fast response and decoupling from external vibrations.
- Excellent self-draining capability.
- DN 2 to DN 80

Walsn

Series
Features

CFC-010/020

CFC-030

CFC-010

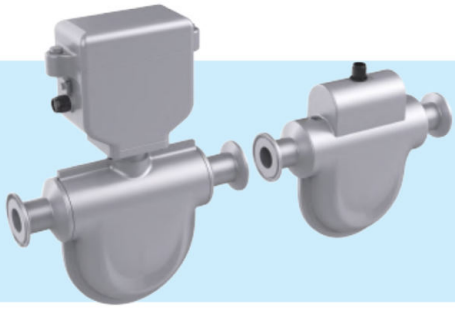
- Ultra-compact design with simple I/O options.
- Most cost-effective solution for OEM applications.
- Integral field mount.
- Frequency/Pulse output and Modbus RS-485.

CFC-020

- Compact design with additional I/O options.
- Cost-effective and flexible solution for OEM applications.
- Integral field mount.
- Frequency/Pulse output, Modbus RS-485, and Current output/HART as standard.
- Dual Current output or dual Modbus RS-485 as optional.

CFC-030

- Compact design with a local display.
- Multi-line user interface with touch buttons.
- Cost-effective solution for general-purpose applications.
- Integral and remote field mount options.
- Frequency/Pulse output, Modbus RS-485, and Current output/HART.



CFC-300

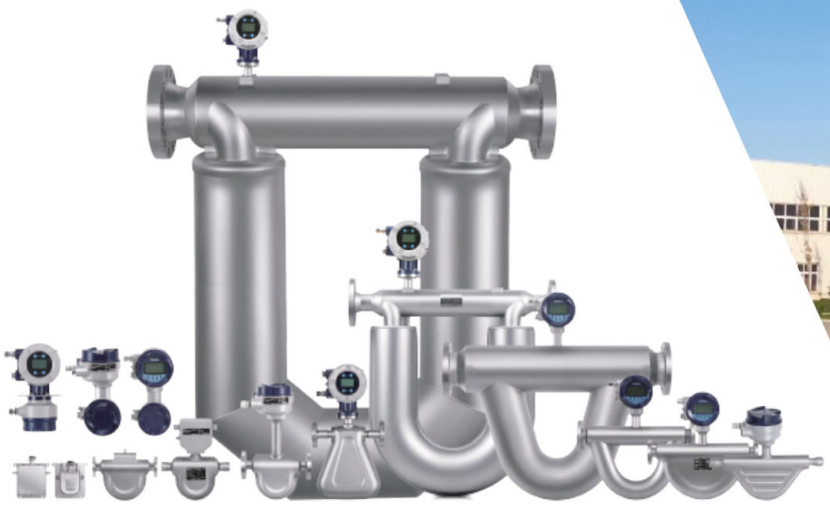
CFC-060/070

CFC-300

- Full-size design with comprehensive I/O options.
- Local display with multi-line user interface and touch buttons.
- General-purpose solution for all applications.
- Integral and remote analog/digital field mount.
- Frequency/Pulse output, Modbus RS-485, Current output/HART, FF, Profibus and Current input.
- SIL certification pending.

CFC-060/070

- Compact and unique ultra-compact designs with dedicated I/O options.
- Cost-effective solutions to suit space-saving installations.
- Integral field mount.
- Frequency/Pulse output, Modbus RS-485 and Switch output.



- **UniMass U/V/S/E**

  U/V/S/E series of Walsn's Coriolis flowmeter products

- **CFS-U/V/S/E**

  Coriolis Flow Sensor U/V/S/E series

- **CFC-010/020/030/060/070/300**

  Coriolis Flow Converter 010/020/030/060/070/300 series

- **CSE**

  Coriolis Sensor Electronics as the core of all UniMass flow converters

uniMass

Agile Measurement Solutions

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