

# Coriolis Mass Flow Meter

## Overview

### TME **ECONOMY**



### TMU **CLASSIC**



### TM **UNIVERSAL**



# TME ECONOMY

**Budget version**

**Robust cast iron housing**

Wetted materials:	1.4571, 1.4404
Pressure rating:	40 bar (580 psi)
Process temperature:	-40°C ... +180°C (-40°F ... +356°F)
Accuracy	
Mass flow:	±0,15% of actual flow *
Density:	±0,003 g/cm <sup>3</sup> *
Volume:	±0,2% *
Process connection:	DIN, ANSI
Heat tracing:	Steam, fluid
Approvals:	ATEX (Approval for Zone 0 inside flow tubes available) Pressure Equipment Directive 97/23/EC Custody transfer

Nominal diameter:

DN	ANSI
10	1/2"
15	3/4"
25	1"
50	2"
80	3"

Mass flow:  
20 kg/h – 60 t/h



# TMU CLASSIC

Extended range version

Stainless steel housing

Wetted materials:	1.4571, 1.4404, Hastelloy C-22
Pressure rating:	40 bar (580 psi), higher pressure version optional
Process temperature:	-40°C ... +260°C (-40°F ... +500°F)
Accuracy	
Mass flow:	±0,1% / ±0,15% of actual flow *
Density:	±0,001 / ±0,002 g/cm <sup>3</sup> *
Volume:	±0,2% *
Process connection:	DIN, ANSI, NPT, screw pipe connection, other connections on request
Sensor housing:	welded
Heat tracing:	Steam, fluid
Approvals:	ATEX (Approval for Zone 0 inside flow tubes available) Pressure Equipment Directive 97/23/EC Custody transfer

Nominal diameter:

DN	ANSI
10	½"
15	¾"
25	1"
50	2"
80	3"
100	4"
125	5"
150	6"
200	8"
250	10"
300	12"
400	16"

Mass flow:  
60 kg/h – 2.200 t/h



# TM UNIVERSAL

High accuracy specialty applications version

Wetted materials:	1.4571, 1.4404, Hastelloy C-22, Hastelloy B-2, Monel, Nickel, Tantalum, other materials on request
Pressure rating:	max. 900 bar (max. 13053 psi)
Process temperature:	-90°C ... +260°C (-130°F ... +500°F)
Accuracy	
Mass flow:	±0,1% / ±0,05% of actual flow *
Density:	±0,003 g/cm <sup>3</sup> *
Volume:	±0,2% *
Process connection:	DIN, ANSI, JIS, NPT, screw pipe connection, other connections on request
Sensor housing:	Pressure-resistant version welded or screwed
Heat tracing:	Steam, fluid, from flange to flange, electrical
Approvals:	ATEX (Approval for Zone 0 inside flow tubes available) Pressure Equipment Directive 97/23/EC Custody transfer

## Nominal diameter:

DN	ANSI
10	1/2"
15	3/4"
25	1"
50	2"
80	3"

Mass flow:  
0,8 kg/h – 40 t/h



\* notice error definition at device description



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