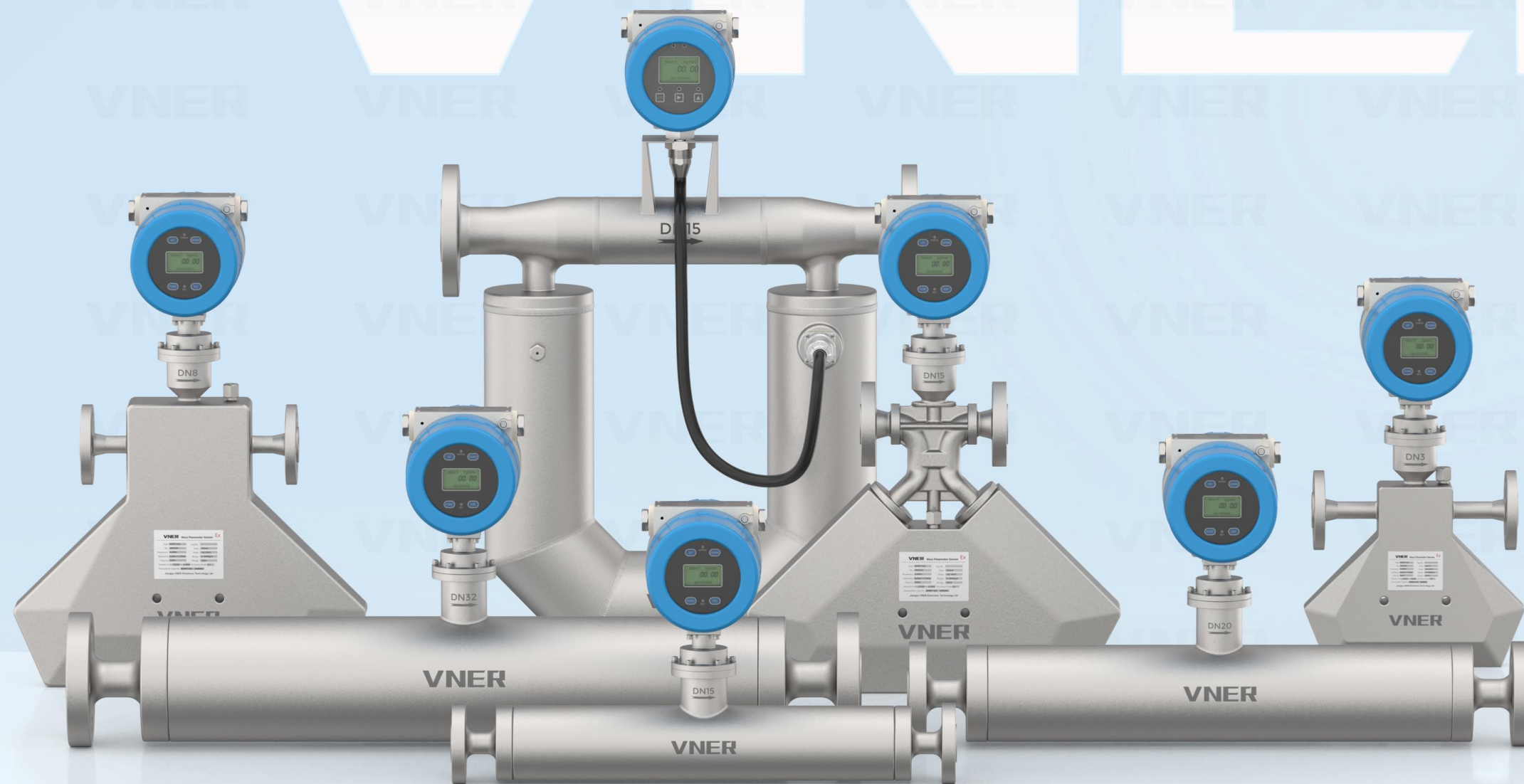


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## VNER CORIOLIS MASS FLOWMETER

KSMF SERIES

JIANGSU VNER ELECTRONIC TECHNOLOGY LTD

[WWW.VNER.COM.CN](http://WWW.VNER.COM.CN)



## PRODUCT DESCRIPTION

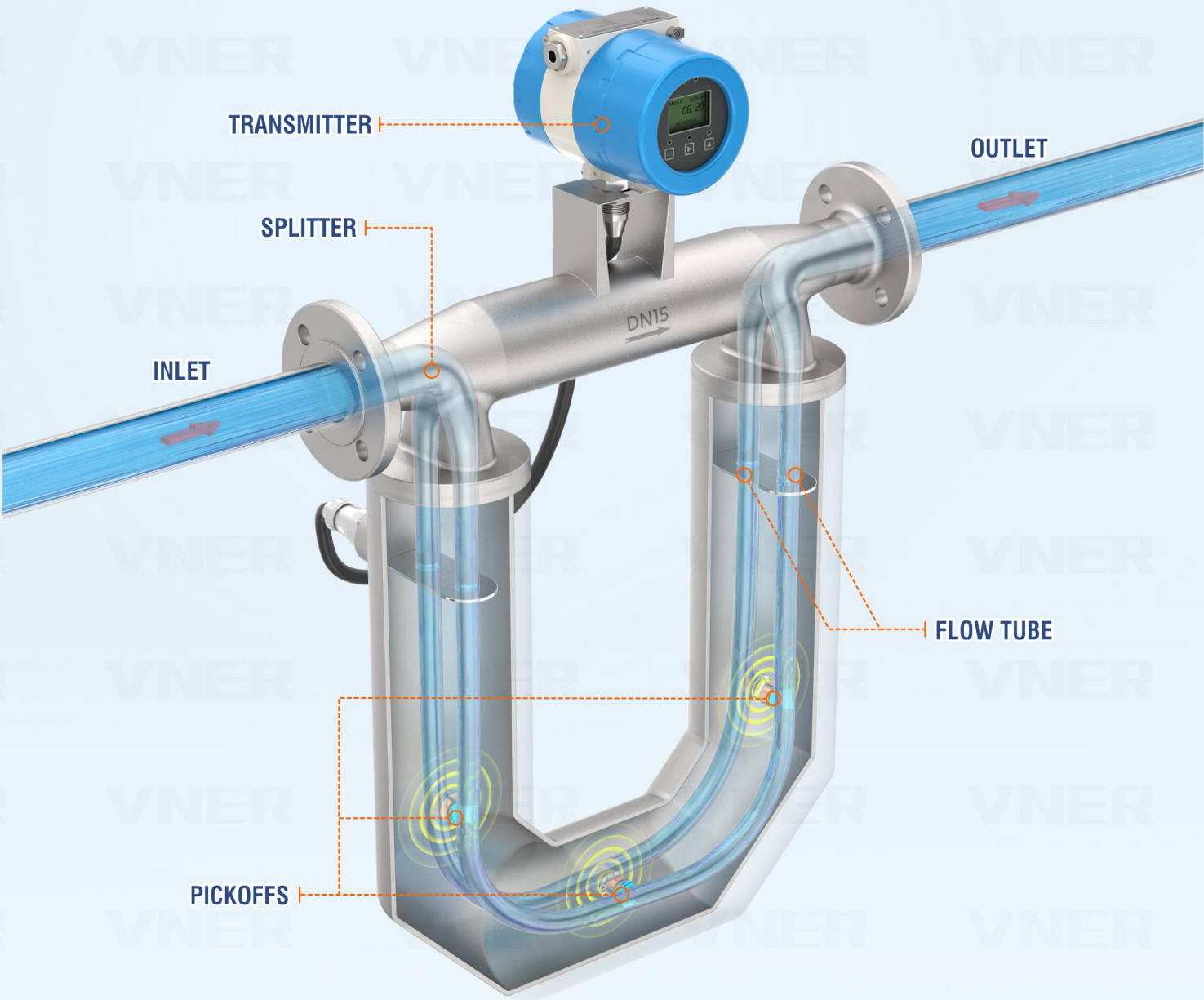
The Coriolis Mass Flow Meter is a high-precision instrument based on the Coriolis force principle and mechanical vibration. It provides direct measurement of mass flow, density, and temperature for liquids. Suitable for a wide range of industries including petroleum, petrochemicals, chemicals, paper, and new energy, this meter ensures accurate and reliable measurements for both process control and trade custody, offering a robust solution for industrial applications.

## PRODUCT FEATURES

- Direct Mass Flow Measurement: Provides highly accurate and reliable mass flow measurements with low maintenance.
- Versatile Fluid Compatibility: Can measure a broad range of fluids, including high-viscosity liquids, slurries, gas-liquid mixtures, and medium to high-pressure gases.
- Insensitive to Flow Profile: No requirement for straight pipe sections upstream or downstream, unaffected by flow velocity distribution.
- Wide Turndown Ratio: Capable of handling flow rates from 1:50, with a low pressure drop.
- Flexible Measurement Options: Available modules to measure fluid concentration, composition, viscosity, and support bidirectional and batch measurements.

## Technical Features

- Nominal Size: DN (3-250 mm)
- Measured Medium: Gas, liquid, and two-phase flow
- Process Temperature:
  - Standard: (-100~+200)°C
  - High Temperature: (-60~+380)°C
  - Cryogenic: (-196~+100)°C
- Flow Measurement Accuracy:  $\pm 0.05\%$ ,  $\pm 0.1\%$ ,  $\pm 0.15\%$ ,  $\pm 0.2\%$
- Repeatability:  $\pm 0.02\%$ ,  $\pm 0.05\%$ ,  $\pm 0.075\%$ ,  $\pm 0.1\%$
- Output: 4~20mA, HART communication, Modbus RS485, FF, 0~10 kHz pulse



We adapt to local regulations, we strive to deliver quality solutions and we are constantly trying to reduce our environmental impact.

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