

CATEGORY 01 • 8 PRODUCTS

Flow Meters

Flow range



ENQUIRIES

info@indianainstrutech.com

+91 75033 02545

+91 92893 62447

ISSUED

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Flow Meters

Ultrasonic, electromagnetic, turbine, vortex and variable-area flow measurement for liquids, gases and steam, from small metal-tube meters to clamp-on systems and battery-powered water meters for large pipelines.

01 What the range covers

Ultrasonic

Electromagnetic

Turbine

Vortex

Variable area

02 Inside this category

ULTRASONIC

Clamp-on, insertion and large-diameter ultrasonic flow and water meters.

ELECTROMAGNETIC

Obstruction-free meters for conductive liquids, in compact, remote-converter and insertion forms.

TURBINE

Digital turbine meters for clean liquids and gases.

VORTEX

Vortex-shedding meters for gas, compressed air and steam.

VARIABLE AREA

Metal-tube float flowmeters for liquids and gases.

03 The range (8)


II-FM-001

Metal Tube Float (Rotor) Flowmeter

Variable-area flow measurement for almost any liquid or gas, including low flow and high-temperature media.

DN10 – DN200

SIZES	WATER RANGE	ACCURACY CLASS
DN10 – DN200	1 – 200,000 L/h	1.5 (1.0 special)

TECHNICAL SHEET • II-FM-001-TECHNICAL-SHEET.PDF


II-FM-002

IIT-200F Fixed Separated Ultrasonic Flowmeter

Transit-time flow and thermal energy measurement from DN15 to DN6000, clamp-on, insertion or inline.

Model TUF-2000SW • TUF-2000SS • TUF-2000SD

PIPE SIZES	ACCURACY	INTERFACE
DN15 – DN6000	±1.0% of reading	4–20 mA • RS485

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II-FM-003

Large Diameter Ultrasonic Water Meter

Battery-powered ultrasonic water meter for DN50–DN200 pipelines, with remote meter reading.

Model ZYXUSD

SIZES	RANGE RATIO	PROTECTION
DN50 – DN200	R250	IP68

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II-FM-004

External-Type Ultrasonic Water Flow Meter

Ultrasonic flow meter with sensors fixed on the outside of the pipe, an LCD display, RS485 and data logging.

RS485 • data logger

PRINCIPLE	SENSORS	INTERFACE
Ultrasonic	External, on the pipe	RS485

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II-FM-005

Electromagnetic Flow Meter

Electromagnetic flow meters for conductive liquids, listed with IP65 or IP68 housings, an LCD and 4–20 mA, RS485 or pulse outputs.

Compact and remote converter

PRINCIPLE	ACCURACY	PRESSURE
Electromagnetic	0.5 % F.S. (spec card)	1.6 MPa (spec card)

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II-FM-006

Insertion Electromagnetic Flow Meter

An insertion electromagnetic meter with a separate converter, listed with 4–20 mA and RS485 outputs.

Split converter • DN50 listing

PROBE	CONVERTER	OUTPUTS
Insertion	Split (remote)	4–20 mA • RS485

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II-FM-007

Digital Turbine Flow Meter

Stainless-steel digital turbine flow meters with an LCD, 4–20 mA output (with HART on some listings) and custom diameters.

Stainless steel • 4–20 mA

PRINCIPLE	OUTPUT	BODY
Turbine	4–20 mA (+ HART)	304 stainless steel

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II-FM-008

Vortex Flow Meter

Digital vortex flow meters for gas, air and steam, listed with an LCD, RS232 or 4–20 mA output and a 0.01–10 m/s velocity span.

Gas, air and steam

PRINCIPLE	FLOW VELOCITY	OUTPUT
Vortex	0.01–10 m/s (two listings)	4–20 mA • RS232

TECHNICAL SHEET • II-FM-008-TECHNICAL-SHEET.PDF

– Requesting a quotation

Every product in this brochure has its own technical sheet and full specification document, and its own page on the website with a quotation form that opens pre-filled with its Indiana catalogue ID.

TO PREPARE A QUOTATION WE TYPICALLY NEED

- The product name or catalogue ID
- Quantity required
- Process conditions — medium, range, temperature and pressure as applicable
- Any existing model or part number you are replacing

TELEPHONE

+91 75033 02545

+91 92893 62447

EMAIL

info@indianainstrutech.com

QUOTATION

List the product, ID and quantity; add process conditions. We reply with a quotation.

Specifications in this brochure are summarised from each product's technical sheet and specification document, available at indianainstrutech.com. INDIANA SALES (INDIANA INSTRUTECH) · info@indianainstrutech.com · issued 24 October 2026.