

Your EPC Project Partner in Flow Measurement

BROOKS
INSTRUMENT

Beyond Measure

Our Project Approach

Brooks Instrument assigns a dedicated team to deliver technical support and documentation for your EPC and engineering projects. This streamlined approach ensures clear communication, technical accuracy, and reliable project execution.



Project Documentation & Certificates

Brooks Instrument supplies more than great instrumentation – we fully support you with extensive, project-specific documentation and services. This includes the following documents and certificates:

Certificates

- Certificate of Conformance
- Calibration
- Pressure Test
- NDE (Non-Destructive Exam)
 - Liquid Dye Penetrant (LDP) Test
 - Radiographic Testing
 - Hardness Testing
 - PMI (Positive Material Identification)
 - Operator Qualification
- NACE (MR0103 and MR0175)
- Material (MTC 3.1 and 2.1)
- Certificate of Origin
- Agency Approval Certification
- Coating Thickness

Quality Documents

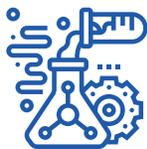
- Factory Acceptance Test (FAT) Report
- Inspection and Test Plan (ITP)
- Manufacturing, Testing and Packaging Procedures
- Welding (Sketches WPS/PQR)
- Welder Qualification
- Quality Manual
- ISO 9001
- 24-Month Warranty Certificate for 3809 Series Meters

Technical Documents

- General Arrangement Drawings (GAD)
- Sizing Calculations
- Instrument Data Sheets (IDS)
- Installation and Operation Manual
- Fabrication Schedule and Progress Reports
- Nameplate and Tag Plate Sketches
- Two-years Spare Parts List
- Manufacturer's Record Book with Index (MRB)



Key Applications



Chemical/Petrochemical Manufacturing

Ensures optimal chemical reactions and safety compliance



Oil & Gas Pumping and Refining Process

Regulates flow of additives, fuels and other process fluids within pumping and refining systems



Analytical Instrumentation

Precise measurement of carrier gases or reagents throughout analyzer systems provide consistent results



Fuel Cell Research

Accurate measurement and control of gas flow is vital for performance testing and maintaining the correct stoichiometry during operation



Pharmaceutical Production

Supports batch consistency, product quality, and compliance with strict process validation requirements



Wastewater Treatment Instrumentation

Assists in monitoring and dosing chemicals or air in different types of systems

Metal Tube & Glass Tube Variable Area Flowmeters



**MT3809 Series
Indicator Only
Housing**



**MT3809 Series
Intrinsically Safe
Non-Sparking
Housing**



**MT3809 Series
Explosion Proof
Housing**



MT3750 Series



GT1600 Series

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