

# GENERAL PURPOSE NEEDLE & GAUGE VALVES



**MEASURE & REGULATE FLOW**

**PROCESSING PLANTS**

**OIL & GAS**

Rugged Forged Steel Body Construction  
Hard & Soft Seat Design  
Rated to 10,000 PSI



*Providing valves and equipment to the  
world's energy markets for over 100 years.*

# Performance Under Pressure

Since 1909, Kerotest has been a world leader in producing valves with high reliability and maximum efficiency. Kerotest Needle & Gauge Valves are designed to provide accurate, safe and dependable flow measurement.

When you need to count on a regulated flow of air or liquid, these needle & gauge valves will consistently perform under pressure and up to your high standards. We build these valves to work hard and last long.

We have field tested our valves for over 85 years and they have always proven to deliver under virtually any condition or installation. You have a choice of seven valve series for applications up to 10,000 PSI. Connection sizes range from 1/4" to 1" NPT in globe or angle patterns.

Our engineers, designers and production associates are all part of a company committed to delivering reliable, efficient and quality valves.

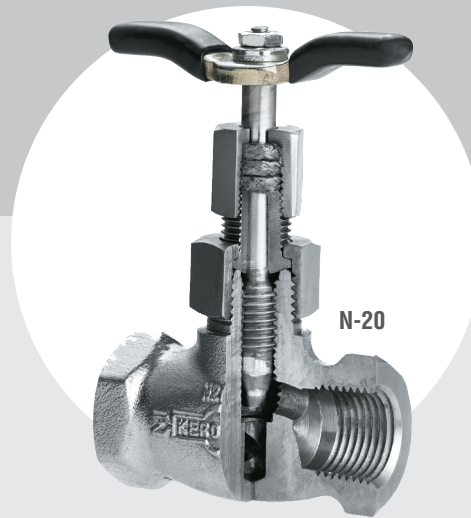
For over 100 years, we have designed, manufactured and delivered. Every day, we're going to work as hard as you do.

**General Purpose  
Needle & Gauge Valves  
Performance Under Pressure.**



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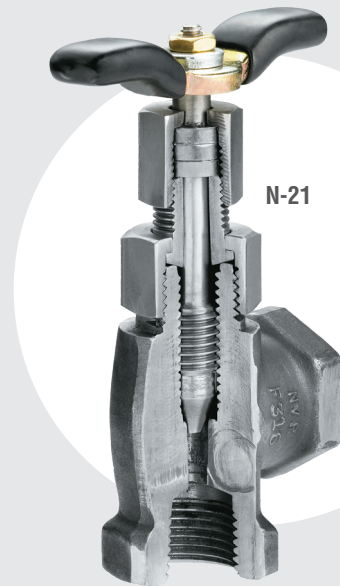
VALVES THAT WORK



N-20

### N-20, N-21 Series

- Female Pipe Ends per ANSI B1.20.1
- Socket Weld Ends per ANSI B16.11
- Maximum Working Pressure:  
10,000 PSI @ 100°F
- Maximum Temperature: 750°F



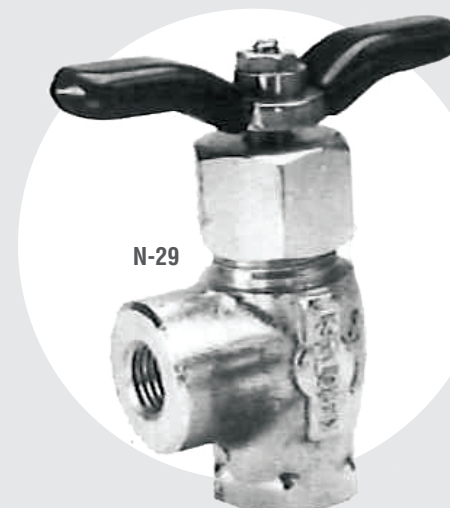
N-21



N-28

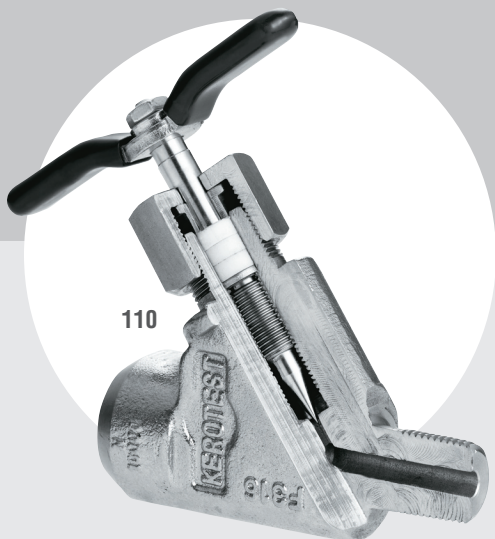
### N-28, N-29 Series

- Female Pipe Ends per ANSI B1.20.1
- Socket Weld Ends per ANSI B16.11
- Maximum Working Pressure:  
10,000 PSI @ 100°F
- Maximum Temperature: 500°F



N-29

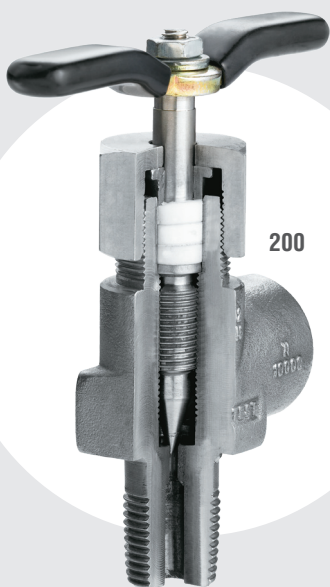
AS HARD AS YOU DO.



110

#### 110, 200 Series

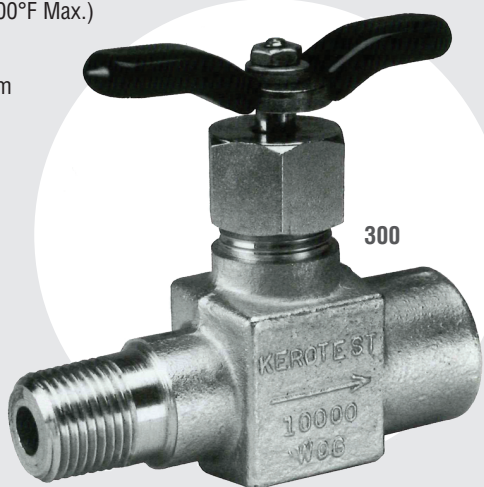
- Rugged Forged Body
- Accurate flow control
- Low operating torque
- 10,000 PSI
- Threaded pipe ends per ANSI B1.20.1



200

#### 300 Series

- Forged Carbon Steel
- 10,000 PSI @ 100°F
- Teflon\* Packing (500°F Max.)
- Integral Bonnet
- Stainless Steel Stem



300

# A Valve for Every Need

All valve models, hard and soft seat, are made from quality materials and shaped by experienced machinists. The valve bodies feature a rugged forged construction that delivers dependable, leak-free performance at both high and low pressures.

Keratest Needle & Gauge valves provide years of reliable service.

#### Meeting the needs of your application.

These valves are designed to function at maximum performance in virtually any environment. Rest assured that the following conditions will be met by one of our valve models:

- Any environment that demands bubble-tight seals
- Applications that demand performance in tight spaces
- Low-level corrosiveness
- Sour fluid environments (with optional trim)
- Caustic liquids and corrosive media service (with optional trim)

#### High-Quality Product

You get only the finest engineered products. And every body, bonnet and stem we make is designed and tested to meet or exceed every requirement. Some choices to consider:

#### Body Materials

- Stainless Steel
- Carbon Steel

#### Stem Materials

- Hardened stainless steel
- Heat-treated or annealed stainless steel that meets NACE standard MR-01-75 is optional

#### A durable finish.

We will provide the ideal finish to the valves of your choice.

Finishes include:

- Clear zinc plating for alloy steel
- Passivated stainless steel
- NACE valves are manufactured with stainless steel

# Built to Perform

Kerotest Needle & Gauge Valves incorporate proven design and lasting engineering advancements to truly deliver “performance under pressure.” While features vary based on application and environment, here’s a sampling of features you’ll find with Kerotest Needle & Gauge Valves.

- Bubble-tight shutoffs for liquids or gases from 6,000 PSI to 10,000 PSI.
- Stainless steel or alloy steel bodies and bonnets.
- Metal-to-metal seating.
- Replaceable seat assemblies.
- Hardened stainless steel stem with backseat.
- Precision-machined stem for perfect concentricity.
- Heat-treated stems that prevent sulfide stress cracking.
- Roll-formed stem threads.
- Stem seal packing with Teflon\* or Garlock back-up rings.
- Integral back-seated stems to prevent accidental removal.
- Zero-clearance washers and nongalling packing.
- Stainless steel and clear zinc plating finishes.
- Two-prong handles or easy-grip T-handles.

\*Registered trademark of DuPont



*An Employee-Owned Total Quality Management Company*

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