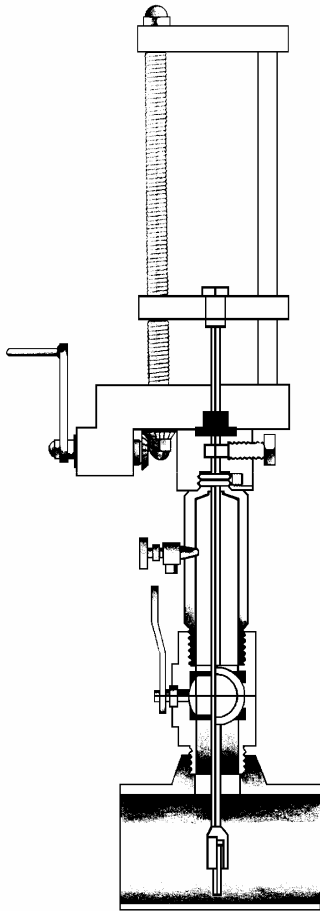




The Accurate Retractable Corrosion Coupon Holder!



The Easy One!

A unique patented system for monitoring internal corrosion where shutdown is impractical.

Field proven in pipelines, oil and gas production, waterfloods, refineries and other applications where retractable systems are required.

U.S. PATENT# 4,697,465

**Michael Anders and Patrick J. Anders
Accurate Corrosion Monitoring Company
P.O. Box 8509 • Longview, Texas • 75607
1-800-227-6183 * 903-757-7457 * Fax 903-236-3120
On the Internet at www.acmc-corrosion.com**

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Quality Assured

Accurated Corrosion Monitoring Company has been supplying retractable quills, spray nozzles, pneumatic atomizers, corrosion coupon holders and related equipment to the pipeline, oil and gas production, and refining industry for over 25 years. In addition, ACCMC offers the ability to design and manufacture custom equipment for special application needs.

When you use Accurate Retractable Systems you can be assured that you have equipment that has the following features and benefits!

- 1) All retractable systems are manufactured according to ANSI B31.3 Standards.
- 2) Each unit is machined from 316SS stock. It is not assembled from standard pipe fittings or off the shelf hardware items.
- 3) All 316SS used in the manufacturing is NACE MR0175-2003 Standards.
- 4) No 316SS is used that has a Rockwell C Hardness of greater than 22.
- 5) Each unit is available in most alloys.
- 6) Each unit is manufactured in accordance with ISO-9000 Requirements.
- 7) Each unit is hydrotested before shipping.
- 8) The Accurate Retractable Systems are of a Patented design.
(U.S.Patent 4,697,465)
- 9) Each unit has a permanent mechanical stop as a safety feature.
- 10) Each unit is designed to last for years with little maintenance.
- 11) Safety is a feature that is designed into every unit.

MANUFACTURED BY:

**ACCURATE TOOL COMPANY
KILGORE, TEXAS**

Retractable Pneumatic Atomizers

Pneumatic atomizers are devices that combine a gas stream and liquid stream at the moment of exit from the nozzle tip. Pneumatic atomization is by far the most effective method of atomizing (fogging) a liquid. A pneumatic atomizer can reduce droplet size to the degree that the liquid is completely fogged. This greatly enhances the performance of chemicals that are designed to perform in a gaseous stream. Normally, a pneumatic atomizer would not be recommended for a liquid process stream, except to serve as dual injectors of two separate chemicals.

By using a gas stream to atomize liquids, very small daily injection rates of chemicals can be atomized/fogged into a system. Liquid is pumped down the inner shaft and a gas is injected down the outer shaft where they combine at the fluid outlet resulting in a "fogged liquid". Pneumatic atomizers are available to atomize from 1 to 300 GPD. Nozzle tip outlets can be positioned at 180 or 90 degrees from the injection shaft.

ACCURATE CORROSION MONITORING COMPANY

(800) 227-6183 • (903) 236-3120 FAX

ON THE INTERNET AT WWW.ACMC-CORROSION.COM



MODEL LP200S(FHT)

RETRACTABLE PNEUMATIC ATOMIZER

Maximum Operating Pressure: 200 PSI

Maximum Operating Temperature: 1000 F.

Method Of Operation: Hand Inserted

Maximum Insertion Length: 48 Inches

Insertion Rod Diameter: Standard 3/8" OD
Optional 5/8" OD

Size Options: 3/4" NPT thru 2" NPT Female

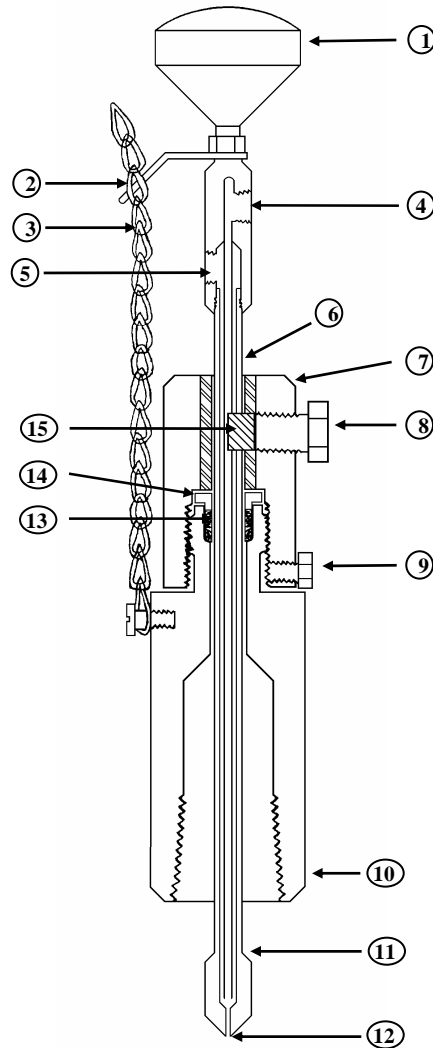
Seals: Grafoil Seals HT = High Temp 1000 F.

Material Construction: 316 S.S. complies with NACE standard MR-0175-2003. Suitable for H2S service. Other metals available on request.

Atomized Fluid Outlet: 180 Degree Fluid Outlet
90 Degree Fluid Outlet

Fluid Inlet: 1/4" NPT Female

Gas Inlet: 1/4" NPT Female



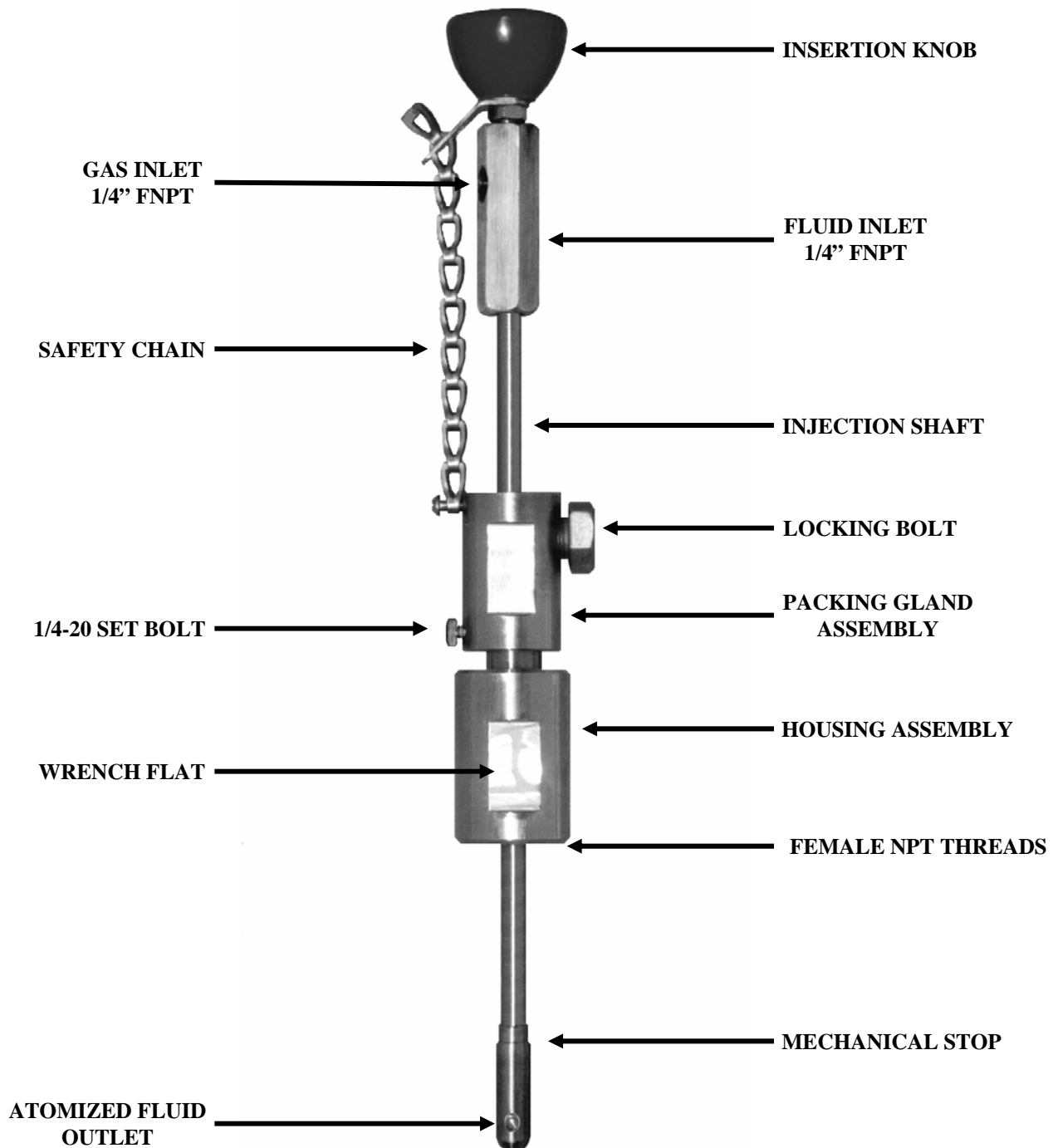
PARTS LIST

- 1) INSERTION KNOB
- 2) SAFETY LATCH
- 3) SAFETY CHAIN
- 4) GAS INLET 1/4" FNPT
- 5) LIQUID INLET 1/4" FNPT
- 6) INJECTION SHAFT
- 7) PACKING GLAND ASSEMBLY
- 8) LOCKING BOLT
- 9) 1/4-20 SET BOLT
- 10) HOUSING ASSEMBLY
- 11) MECHANICAL STOP
- 12) ATOMIZER TIP-FLUID OUTLET
- 13) GRAFOIL SEAL High Temp
- 14) COMPRESSION RING
- 15) COLLET

316SS NACE MR0175/2003

Designed for low pressure applications, the LP200S(FHT) is easily and safely inserted to 200 PSI. The customer supplies the bleeder valve and nipple of choice. The accurate locking system allows easy insertion and removal of pneumatic atomizers. Just push down on the insertion knob forcing the fluid outlet to the desired depth. Then tighten the locking bolt. The injection shaft is now firmly held in place. Once in place the LP200S(FHT) maintains a low profile.

MODEL LP200S(FHT) RETRACTABLE PNEUMATIC ATOMIZER



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MODEL LP750 HT RETRACTABLE PNEUMATIC ATOMIZER

Maximum Operating Pressure: 750 PSI

Maximum Operating Temperature: 1000 F.

Method Of Operation: Hand Inserted

Maximum Insertion Length: 48 Inches

Insertion Rod Diameter: Standard 3/8" OD
Optional 5/8" OD

Size Options: 3/4" NPT thru 2" NPT Male

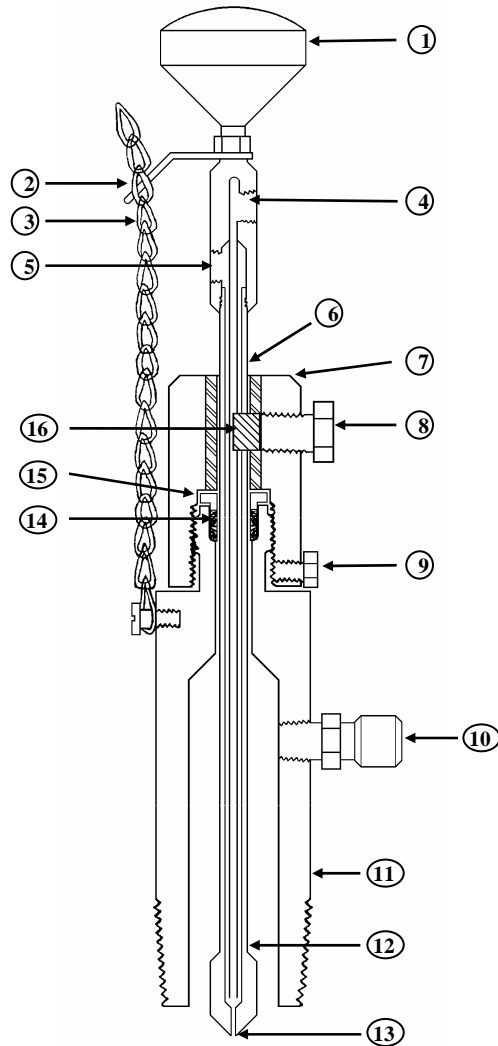
Seals: Grafoil Seals HT = High Temp 1000 F.

Material Construction: 316 S.S. complies with NACE standard MR-0175-2003. Suitable for H2S service. Other metals available on request.

Atomized Fluid Outlet: 180 Degree Fluid Outlet
or 90 Degree Fluid Outlet

Fluid Inlet: 1/4" NPT Female

Gas Inlet: 1/4" NPT Female



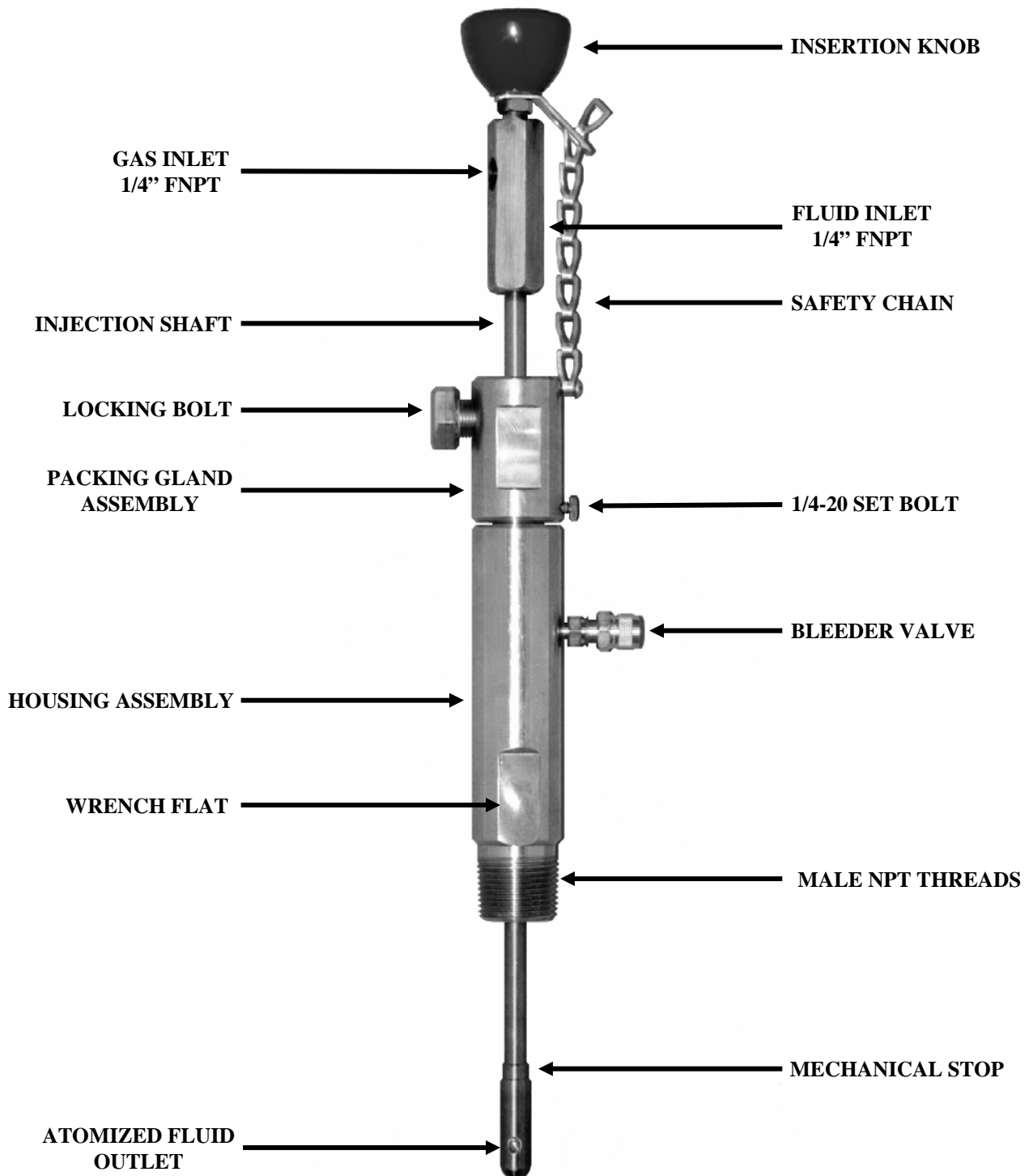
PARTS LIST

- 1) INSERTION KNOB
- 2) SAFETY LATCH
- 3) SAFETY CHAIN
- 4) GAS INLET 1/4" FNPT
- 5) LIQUID INLET 1/4" FNPT
- 6) INJECTION SHAFT
- 7) PACKING GLAND ASSEMBLY
- 8) LOCKING BOLT
- 9) 1/4-20 SET BOLT
- 10) BLEEDER VALVE
- 11) HOUSING ASSEMBLY
- 12) MECHANICAL STOP
- 13) ATOMIZER TIP-FLUID OUTLET
- 14) GRAFOIL SEAL
- 15) COMPRESSION RING
- 16) COLLET

316SS NACE MR0175/2003

Designed for low pressure applications, the LP750HT is easily and safely inserted to 750 PSI. The accurate locking system allows easy insertion and removal of pneumatic atomizers. Just push down on the insertion knob forcing the pneumatic atomizer to the desired depth. Then tighten the locking bolt. The injection shaft is now firmly held in place. Once in place the LP750HT maintains a low profile. No all thread rods protrude out to create an obstruction.

MODEL LP750 HT RETRACTABLE PNEUMATIC ATOMIZER



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MODEL MM15FHT RETRACTABLE PNEUMATIC ATOMIZER

Maximum Operating Pressure: 1500 PSI

Maximum Operating Temperature: 1000 F.

Method Of Operation: Special HP Retractor Tool

Maximum Insertion Length: 48 Inches

Insertion Rod Diameter: Standard 3/8" OD
Optional 5/8" OD

Size Options: 3/4" NPT thru 2" NPT Female

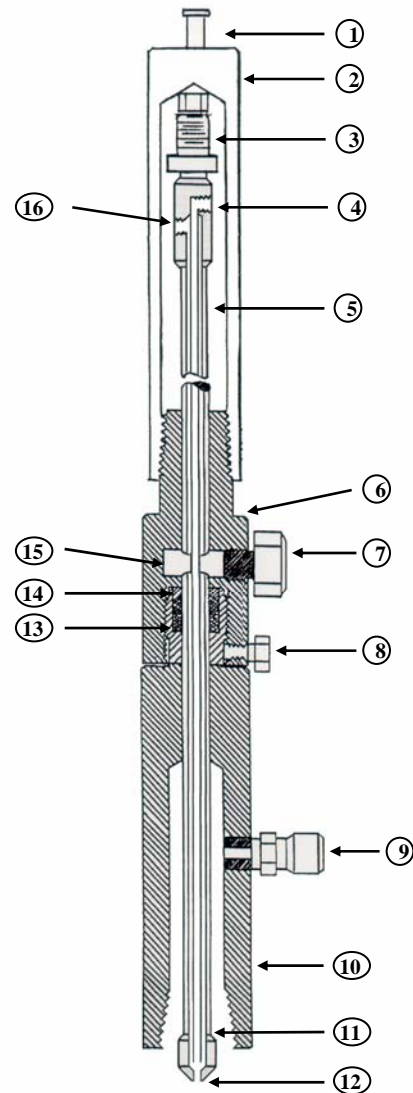
Seals: Grafoil Seals HT = High Temp 1000 F.

Material Construction: 316 S.S. complies with NACE standard MR-0175-2003. Suitable for H2S service. Other metals available on request.

Atomized Fluid Outlet: 180 Degree Fluid Outlet
90 Degree Fluid Outlet

Fluid Inlet: 1/4" NPT Female

Gas Inlet: 1/4" NPT Female



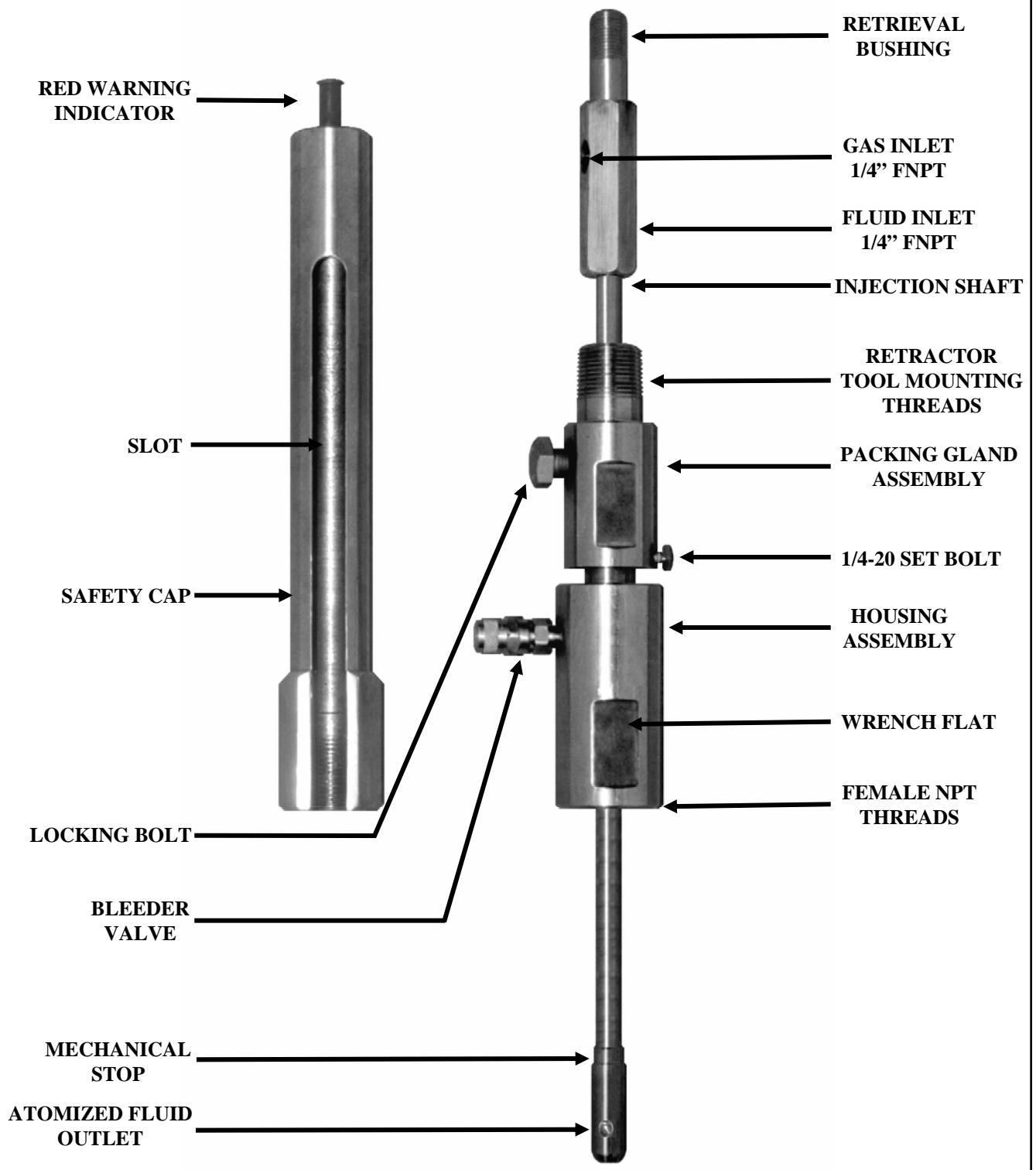
PARTS LIST

- 1) WARNING INDICATOR
- 2) SAFETY CAP
- 3) RETRIEVAL BUSHING
- 4) GAS INLET 1/4" FNPT
- 5) INJECTION SHAFT
- 6) PACKING GLAND ASSEMBLY
- 7) LOCKING BOLT
- 8) 1/4-20 SET BOLT
- 9) BLEEDER VALVE
- 10) HOUSING ASSEMBLY
- 11) MECHANICAL STOP
- 12) ATOMIZER TIP-FLUID OUTLET
- 13) GRAFOIL SEAL High Temp
- 14) COMPRESSION RING
- 15) COLLET
- 16) FLUID INLET

316SS NACE MR0175/2003

The Model MM15 is compact, sturdy, and lightweight. When operated with the Special or Standard Retractor Tool, the MM15 is the easiest operated high pressure pneumatic atomizers on today's market. The retractor tool remains in place only during insertion and removal of coupons. Therefore, one retractor can service many MM15 pneumatic atomizers.

MODEL MM15FHT RETRACTABLE PNEUMATIC ATOMIZER



ACCURATE CORROSION MONITORING COMPANY

(800) 227-6183 • (903) 236-3120 FAX

ON THE INTERNET AT WWW.ACMC-CORROSION.COM



Ordering Information

How to Reach A.C.M.C.

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903-757-7457

Fax 903-236-3120

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Longview, Texas
75601

Mailing Address A.C.M.C.
P.O. Box 8509
Longview, Texas
75607

On The Internet WWW.ACMC-CORROSION.COM
E-Mail Address SALES@ACMC-CORROSION.COM

ACCURATE CORROSION MONITORING COMPANY

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ON THE INTERNET AT WWW.ACMC-CORROSION.COM



ORDER FORM

RETRACTABLE PNEUMATIC ATOMIZER

DATE: _____

PERSON PLACING ORDER: _____ PHONE: _____

PURCHASE ORDER NUMBER: _____

SYSTEM PRESSURE: _____ MAX TEMPERATURE _____ F.

ALLOY: _____ MODEL NUMBER: _____ QTY _____

THREAD OR FLANGE SIZE: _____

ENTRY VALVE PORT SIZE: _____

EXPECTED INJECTION RATE: _____ GPD _____ GPM

FLUID OUTLET DIRECTION: 180 DEGREE STRAIGHT OR 90 DEGREE RIGHT ANGLE

“A” DIMENSION _____

The “A” dimension is the measurement in inches (+-3”) from the top of entry valve to the center of the pipe or deepest point of insertion you desire for the atomizer nozzle.

INVOICE ADDRESS

COMPANY:

C/O:

STREET OR HIGHWAY:

CITY:

STATE:

ZIP:

SHIPPING ADDRESS

COMPANY:

C/O:

STREET OR HIGHWAY:

CITY:

STATE:

ZIP:

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