Weight loss coupons are an effective and inexpensive monitoring method for gauging the internal corrosion rate of pipelines, processing equipment, and storage vessels. Insertable/retractable Coupon Holders allow systems to be monitored while under normal operating conditions. The monitoring coupon can be removed and replaced safely without venting or draining of the process product. When monitoring an area on a mandated pigging program, the need to retract the coupon holder is obvious. Incorporate a Sample Probe with the device, and samples of the process product can be collected at the same point within the process where the coupon is staged. Accurate tools can accommodate flat rectangular, EM, rod, disk, and flush style coupons.
Accurate Tool 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 30 years. In addition, Accurate Tool Company offers the ability to design and manufacture custom equipment for special application needs.

The patented rod locking system is found in all Accurate Retractable Coupon Holders. When the Coupon is placed at the desired depth and alignment then the locking screw is tightened. It securely locks the Coupon and insertion rod in place to 10,000 psi. Insertion rod diameters can be reduced which allows hand insertion of Coupons to 1,000 psi.

Accurate Retractable Coupon Holders for high pressure service (above 1,000 psi) require a retractor tool to insert and remove the Coupon. The special Retractor Tool weighs less than 20 pounds and can insert and remove Coupons to 10,000 psi. The special Retractor Tool requires little clearance because it is non-telescoping. Therefore, it can fit into those hard-to-reach places.
**Manufacturer’s Limited Warranty**

Accurate Tool warrants to the original purchaser that the major components of the goods will be free from defects in materials and workmanship for 1 year (Warranty for seals is 3 months) from the date of shipment, subject to the goods being correctly installed, maintained and operated under normal conditions. Accurate Tool expressly disclaims any warranty for any products damage due to corrosion, abrasion, normal wear and tear, product modification or product misapplication. Accurate Tool also makes no warranty whatsoever as to any goods manufactured or supplied by others and expressly disclaims any warranty therefore. Terms of warranty require that Accurate Tool be provided adequate opportunity to repair or remedy any defects in material workmanship. Accurate Tool retains the sole option to accept return of the goods, with freight paid by the purchaser, and to refund the purchase price for the goods after confirming the goods are returned undamaged and in usable condition. Such refund will be the full extent of Accurate Tool's liability. Accurate Tool shall not be liable for any costs, expenses or damages whether direct, indirect, special, incidental, consequential or otherwise. Failure to use genuine Accurate Tool replacement parts shall void this warranty in its entirety. THERE EXISTS NO OTHER REPRESENTATION, WARRANTIES OR GUARANTEES EXCEPT AS STATED IN THIS PARAGRAPH.
Quality Assured

Accurate Tool 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 30 years. In addition, Accurate Tool Company 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. Each unit is machined from 316SS stock. It is not assembled from standard pipe fittings or off the shelf hardware items.
2. All 316SS used in the manufacturing is NACE MR0175/94 Standards.
3. No 316SS is used that has a Rockwell C hardness of greater than 22.
4. Each unit is available in most alloys.
5. Each unit is hydrotested before shipping.
6. The Accurate Retractable Systems are made under one or more U.S. patents: 5,138,755; 6,357,470 B1; 6,802,455 B1
7. Each unit has a permanent mechanical stop as a safety feature.
8. Each unit is designed to last for years with little maintenance.
9. Safety is a feature that is designed into every unit.
Designed for low-pressure applications, the LP-200HT 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 coupons. Just push down on the insertion knob to force the coupon to the desired depth. Then tighten the locking bolt. The insertion rod and coupon are now firmly held in place. Once in place, the LP-200HT maintains a low profile. Not all threads protrude out to create an obstruction.

**Maximum Operating Pressure:**
200 PSI

**Maximum Operating Temperature:**
1000° F

**Method of Insertion:**
Hand

**Maximum Insertion Length:**
48 Inches

**Insertion Probe Diameter:**
Std. 3/8” OD or Opt. 1/4” OD

**Pipeline Connections:**
1/2” FNPT - 2” FNPT

**Seals:**
Graphoil

**Material of Construction:**
316L S.S.
(Other alloys available upon request.)

**Insulated Coupon Holder (specify):**
Single or Double Flat, EM, Single or Multi-Rod, Disk, or Flush Mounted.
Model LP-750 Insertable / Retractable Corrosion Coupon Holder
Manufactured By Accurate Tool Co. Kilgore, TX

Maximum Operating Pressure: 750 psi

Maximum Operating Temperature: 450 F.

Method of Operation: Hand Insertable & Retractable

Insertion Rod Diameter: Standard 3/8" O.D.

Pipeline Connection: "1/2" NPT thru 2" NPT
- Optional Flanged Connection

Seal: Teflon Seal
- Optional Graphoil Seal

Material Construction: 316L S.S.

Complies with NACE standard MR-0175/94.
Suitable for H2S service. Other alloys available on request.

Coupons: Fits single or double flat, single or multi-rod, disk or flush mounted coupons.
Maximum Operating Pressure: 1000 psi
Maximum Operating Temperature: 450F
(M-1A HT Available for Higher Temperature)

Method of Operation: Hand Insertable & Retractable

Insertion Rod Diameter: Standard 1/4" O.D.

Pipeline Connection: "1/2" NPT thru 2" NPT
- Optional Flanged Connection

Seal: Teflon Seal
- Optional Graphoil Seal

Material Construction: 316L S.S.

Complies with NACE standard MR-0175/94.
Suitable for H2S service. Other alloys available on request.

Coupons: Fits single or double flat, single or multi-rod, disk or flush mounted coupons.

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Model MM-100 Insertable / Retractable Corrosion Coupon Holder
Manufactured By Accurate Tool Co. Kilgore, TX

Maximum Operating Pressure: 10,000 psi
Maximum Operating Temperature: 450 F.
Method of Operation: Requires HP Retractor Tool
Probe Shaft Diameter: Standard 1/4" O.D.
Pipeline Connection: 10,000 psi ATCO Welded Connection
Seal: Double Teflon Seal
Material Construction: 316L SS

Complies with NACE standard MR-0175/94. Suitable for H2S service. Other alloys available on request.

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Manufactured Under One or More U.S Patents:
5,138,755; 6,357,470 BI; 6,802,455 BI
Model MM-30 Insertable / Retractable Corrosion Coupon Holder
Manufactured By Accurate Tool Co. Kilgore, TX

Maximum Operating Pressure: 3000 psi

Maximum Operating Temperature: 450 F.

Method of Operation: Requires Retractor Tool
- Standard Tool
- HP Retractor Tool
- EXL Retractor Tool for EXL Models
(For Shaft Lengths Longer Than 48”)

Insertion Rod Diameter: Standard 3/8” O.D.
- Other Sizes Available

Pipeline Connection: *1/2” NPT thru 2” NPT
- Optional Flanged Connection

Seal: Teflon Seal
- Optional Graphoil Seal

Material Construction: 316L S.S.

Complies with NACE standard MR-0175/94.
Suitable for H2S service. Other alloys available on request.

Coupons: Accommodates single or double flat, single or multi-rod, disk or flush mounted coupons.

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Manufactured Under One or More U.S Patents:
5,138,755; 6,357,470 BI; 6,802,455 BI
Model MM-50 Insertable / Retractable Corrosion Coupon Holder
Manufactured By Accurate Tool Co. Kilgore, TX

Maximum Operating Pressure: 7500 psi
Maximum Operating Temperature: 450 F.

(MM-50 HT Available for Higher Temperatures)

Method of Operation: Requires Retractor Tool
- Standard Tool
- HP Retractor Tool
- EXL Retractor Tool for EXL Models
  (For Shaft Lengths Longer Than 48")

Insertion Rod Diameter: Standard 3/8" O.D.
- Other Sizes Available

Pipeline Connection: *1/2’ NPT thru 2’ NPT
- Optional Flanged Connection

Seal: Teflon Seal

Material Construction: 316L S.S.

Complies with NACE standard MR-0175/94.
Suitable for H2S service. Other alloys available on request.

Coupons: Accommodates single or double flat, single or multi-rod, disk or flush mounted coupons.

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Manufactured Under One or More U.S Patents:
5,138,755; 6,357,470 Bi; 6,802,455 Bi
Available Models:
- RT-30
- RT-75

Maximum Operating Pressure:
- 3000 psi
- 7500 psi

Maximum Operating Temperature:
450 F. Maximum Temperature.

Method of Operation: Integrated Special Tool

Rod Shaft Diameter: Standard 3/8" O.D.
- 1/4" O.D. Available

Pipeline Connection: *1/2" NPT thru 2" NPT
- Optional Flanged Connection

Insertion Lengths: 12", 18", or 24"

Seal: Teflon Seal
- Optional Graphoil Seal

Material Construction: 316L S.S.

Fluid Inlet Assembly Required, Please See Additional Product Sheet for Specifications

Complies with NACE standard MR-0175/94. Suitable for H2S service. Other alloys available on request.