



Pipeline Integrity Products

Insertable & Retractable Tool Holders

Sentry LP-750 Series

description

Sentry® Pipeline Integrity Products insertable & retractable tool holders offer ease of use and custom configuration for maximum versatility. These tool holders can hold corrosion coupons, injection & sample quills, or chemical nozzles & atomizers.

models

LP-750 Corrosion Coupon Holder

LP-750 Injection & Sample Quill

LP-750 Chemical Nozzle & Atomizer

benefits

The hand-insertable **Sentry LP-750** has a maximum operating pressure (MOP) of 750 psi (52 bar) [1440 psi (99 bar) product design pressure or MAOP] for medium pressure applications. It also can be mounted in any orientation needed for hard-to-access application situations.

features

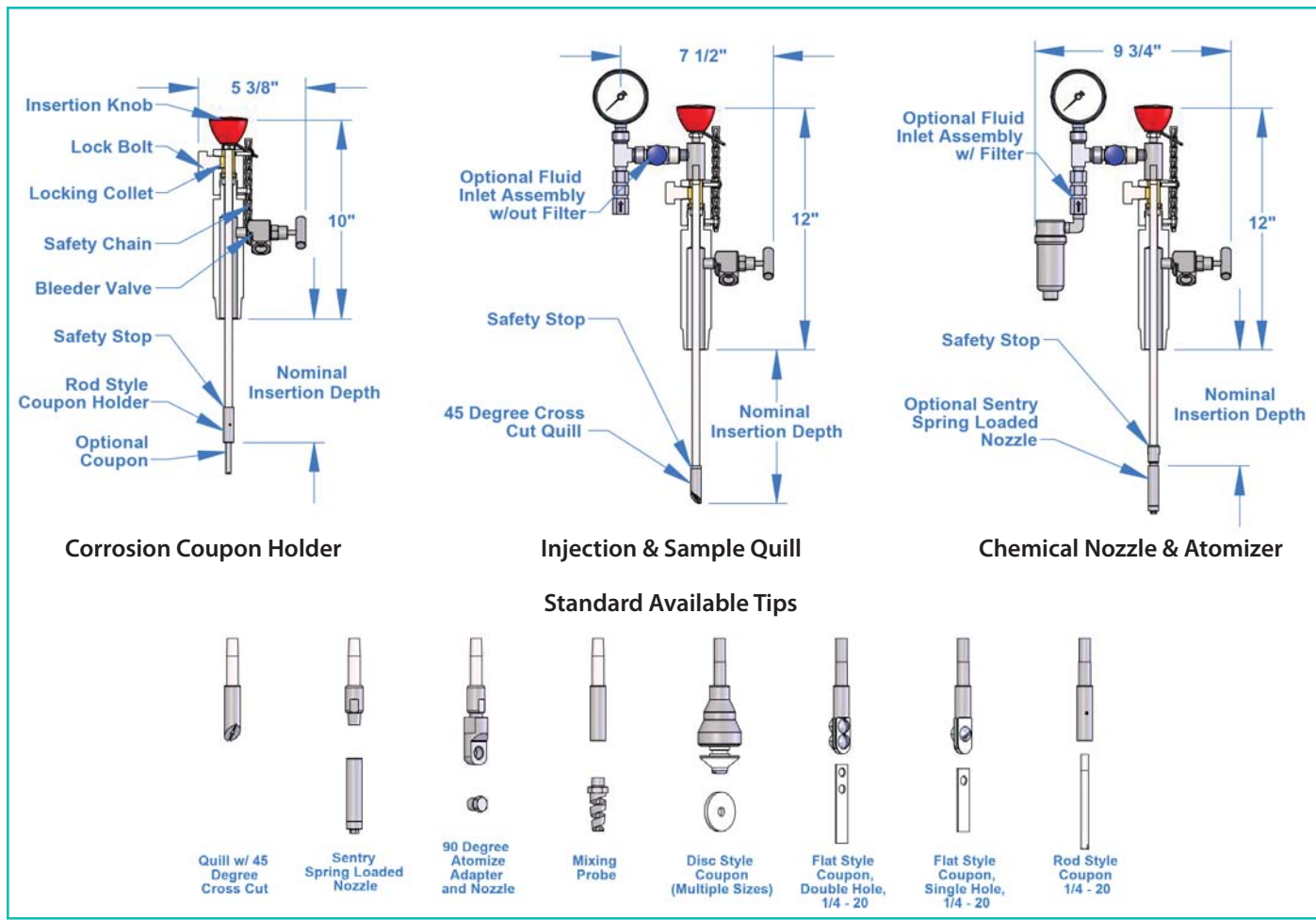
- Process pressure bleeder valve
- Large ergonomic hand knob for easy insertion
- Low profile
- Patented locking collet safely secures the shaft within the process stream until released by the operator
- Integrated safety chain
- Complies with NACE MR0175/2009 and is suitable for service in hydrogen sulfide (H₂S) environments
- Designed and manufactured in accordance with ASME B31.3 and provided with Canadian Registration Number
- **Corrosion coupon holders:** Rod (cylinder), flat (strip) single hole, flat (strip) dual hole or disc, all with 1/4-20 in hardware. Process connection can limit coupon choices – contact Sentry Equipment Corp if other coupon holder configurations are required
- **Injection & sample quills:** 45-degree bevel with crosscut face
- **Chemical nozzles & atomizers:** Multiple nozzle choices offered; 1/8 in male or female NPT connections standard; other connection sizes and types available



Manufactured under one or more U. S. patents: 6,357,470 B1; 8,359,937 B2



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specifications	
weight	Ranges from 10 to 35 lbs (4.5 to 16 kg) depending on configuration
materials	All process wetted parts, 316/316L SS; other alloys available
pressure rating	750 psi (52 bar) MOP at 100°F (37.7°C) – limit for safe hand insertion; 1440 psi (99 bar) MAOP at 100°F (37.7°C) product design pressure
temperature rating	Minimum seal operating temperature -90°F (-67°C); maximum seal operating temperature 450°F (232.2°C) with Teflon seal or 1000°F (537.7°C) with adjustable graphoil seal
process connection	1/2 in, 3/4 in, 1 in, 1-1/2 in or 2 in male NPT connection standard; ASME RF or RTJ or API flanged connections available
insertion depth	Up to 10 ft (3 m); standard insertion depths of 10 in (25 cm), 16 in (41 cm), 22 in (56 cm), 28 in (71 cm), 34 in (86 cm) or 40 in (102 cm)
insertion rod/shaft	3/8 in OD

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It is solely the responsibility of end users, through their own analysis and testing, to select products and materials suitable for their specific application requirements, ensure they are properly installed, safely applied and properly maintained, and to limit their use to their intended purpose. Improper selection, installation, or use may result in personal injury or property damage.

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 ISO 9001:2008

