

Low Pressure Retractor Sidewinder

GENERAL

The Caproco Sidewinder Retractor is a tool designed to aid in the retraction of monitoring equipment mounted in a low pressure access fitting. The sidewinder retractor permits the operator to retract and insert a variety of equipment, such as: probes, coupon holders, reference cells and injection systems, under pressure and without causing any interruption to the operating system.

The retractor's straightforward rugged design provides for safe and easy operation, and is necessary for systems operating between 300 to 1,500 psi.

APPLICATION

The retractor is attached to the stuffing box on the low pressure access fitting. Once the securing nut on the retractor is tightened onto the top of the coupon holder / probe, the safety clamp may be removed. The locking nut on the stuffing box is then loosened and the handle on the retractor can be cranked, retracting the probe/coupon holder from the line.

When the equipment has cleared the ball valve, the valve is closed, maintaining line pressure. Any pressure in the assembly is purged by slowly opening the union (or through the use of a tee valve), and the equipment is now accessible for inspection and/or replacement.

SPECIFICATIONS

Maximum Operating Pressure	1,500 psi (10.3 MPa)
Maximum Operating Temperature	500°F (260°C)

The Caproco Sidewinder Retractor is manufactured with a light-weight cast aluminum body, and carbon steel rods/guides. The standard retractor is designed to operate on a 1" access fitting assembly. A retractor that accommodates an 1 ½" fitting is also available.

Retractors are available in a range of sizes based on the probe / holder length to be retracted.

RETRACTOR SIZING CHART

PART NUMBER	HOLDER LENGTH	
	(INCHES)	(MM)
40020	20" - 24"	508-610
40090	24" - 28"	610-711
40085	28" - 32"	711-813
40093	32" - 36"	823-914
40100	36" - 40"	924-1016
40105	40" - 44"	1016-1118
40110	44" - 48"	1118-1219
40115	48" - 52"	1219-1321



The Sidewinder Retractor comes with a securing nut which attaches to coupon holders, injection tubes and biofilm probes mounted in the standard 1" Access Fitting assembly. Different sized securing nuts and adaptors are available for connecting to electronic probes and alternate sized injection assemblies.

OPTIONAL EQUIPMENT

DESCRIPTION	PART NUMBER
Securing Nuts	
1/4" NPT (Standard)	40023
3/8" NPT (Injection Applications)	40138
1/2" NPT (Injection Applications)	40127
3/4" NPT (Injection Applications)	40136
Adaptors	
1/4" NPT to 3/8" Coupon Holders	71020
1/4" NPT to Retractable ER / LPR Probes	71021

