

CORRATER[®] and CORROTEMP[®] CORRATER[®] Probe Accessories

Retractable Probe Safety Clamps

CORRATER[®] and CORROTEMP[®] CORRATER[®] probes are designed for safe installation and operation in various environments. Where danger of blowout exists, use of an appropriate safety device should be considered mandatory. This equipment is designed and tested for reliability, using established principles of operation.

Safety Clamps are **required** at pressures of 100 psi or greater and at temperatures of +150°F or greater. The clamp provides a secondary back-up lock on retractable probes in the fully-inserted position, even during pressure transients. The attached cable gauges the extent to which a probe may be retracted and, if necessary, holds the probe in that position under rated operating pressures.

The Order Number for the safety clamp assembly for retractable Models 8012 and 8022 CORRATER[®] PROBES IS 061431 - Probe Length (18", 24", 30" or 36"). Probe safety clamps are reusable and may be retrofitted to a probe in the field if required after retraction of the probe from the system.

Intrinsic Safety Barriers

CORRATER[®] and CORROTEMP[®] CORRATER[®] instruments and probes are commonly used in areas where there is a risk of the presence of potentially explosive gaseous mixtures. For line powered instruments and probes in a hazardous location, it is generally necessary to install INTRINSIC SAFETY BARRIERS. These barriers are available as separate assemblies, or as part of an automated system.

Safety Barrier

Ordering Information:

Barrier Type	RCS Part No.	Quantity Required per Probe	
		Corrater [®]	Corrotemp [®] Corrater [®]
755	095776-755-AC	1	2
761	095776-761-AC	1	1

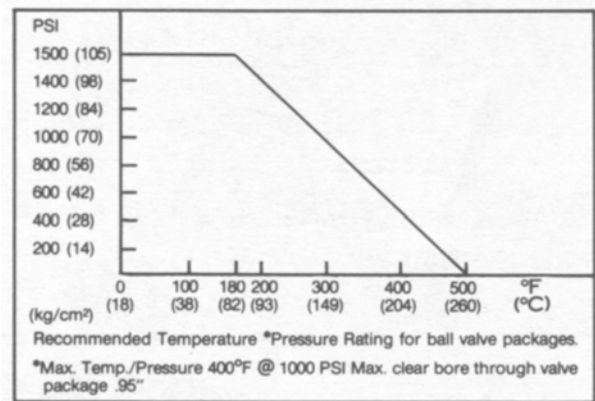
Automatic instruments (such as ICMS[™] Probe Interface Modules) and safety barriers may be installed in Division II (Zone 2 areas) or Division 1 (Zone 0 and Zone 1) in an explosive-proof enclosure with safety barrier sets. Contact the factory for further details.

Model 60 Access Valve Assembly

The Rohrback Cosasco Systems (RCS) Model 60 Access Valve Assemblies are designed to allow access to pressurized areas without process shut down.

The assembly consists of a Thredolet[®], all thread nipple, ball valve and a 5" nipple. The 1" full port ball valve is provided in either a carbon steel or 316 Stainless Steel body, with Polyfill[™] seats and Viton[™] body seals. All items comply with NACE standard MR0175 for materials resistant to sulfide stress cracking.

The Model 60 Access Valve Assembly accommodates all RCS retractable probes. This includes CORROSOMETER[®] and CORRATER[®] probes, Coupon Holder, Injection Tubes, and Hydrogen Probes



Temperature/Pressure Rating Chart

Model 60 Access Valve Assembly

Ordering Information:

Order Number	Access Valve Assy.
061500-LL	Carbon Steel w/S.S. Trim
061560-LL	316 Stainless Steel

LL = Line Size

High Pressure Probe Connecting Adaptors

The Model 6080 CORRATER[®] high pressure access fitting, requires a probe adaptor for connection to either an instrument or cable, as listed on the back of this page (connecting adaptor has a probe type B connector for cable attachment).

Probe Adaptor for Model 6080

Ordering Information:

Probe Connector Type	Portable Probe Adaptor for 9000 or Aquamate	Fixed Probe Adaptor All Automatic Instruments
S	028043	028068
C	060913	745046

Probe to Instrument Cables

CORRATER® and CORROTEMP® CORRATER® probe to instrument cables are of vital importance to system performance because of the particularly low level signals inherent in these corrosion measurements. Both the correct cable and careful connection are required for successful operation. These cables are available in a variety of duties, suitable for different service conditions.

STANDARD DUTY CABLE is generally suitable for plant applications and for routing through conduit, with a rugged polyurethane outer sheath suitable for temperatures in the range -50°C to +70°C.

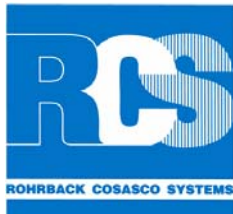
LIGHT DUTY CABLE is recommended only for light duty service such as laboratory or similar use

Cable Ordering Information:

Code	Complete Cable Assemblies																																												
CBL2	Corrater® Probe Cable																																												
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CBL2 - B - B - 0 - 0 - 50 ← Example

- Standard duty and heavy duty cable is available with blue or black color outer jacket. The Company reserves the right to use either color cable on a particular order depending upon availability. Color will not be mixed on any order. If a particular color is required please specify the appropriate dash number as follows:
 - 1 Black Jacket
 - 2 Blue Jacket (Identification of Intrinsic Safety Circuits)
 If you specify a color as above, pricing is unchanged but delivery may be longer. Contact factory for details.
- Color option is not available for limited duty cable. It is furnished as grey color.



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ISO 9001:2008
 Certificate No. FM 10694