



RYSCO RETRACTABLE: BIO PROBES

The **RYSCO Retractable Bio-Probe** is designed to collect bio-mass and microorganisms in pressurised process systems for analytical testing. The bio-probe can be safely removed through a permanent isolation valve without the need of costly shut downs or temporary isolations.

The holder is available in 18", 24", 30", 36", 42" and 48", order lengths and in 3/8" and 5/8" rod diameters. The interchangeable mount provides flexibility when wanting to convert to other monitoring techniques.

SPECIFICATIONS

- ▶ Maximum Operating Pressures of:
2000 psig at 260°C (13,789 kpa at 500°F)
- ▶ Minimum operating temperature of -45°C (-49°F)
- ▶ Materials of construction 316L Stainless Steel
- ▶ Meets NACE MR0175
- ▶ Canadian Registration Number



Model	Rysco Retractable Bio-Probe Holder		
RCCH	Retractable Material Type		
	316L	ASME SA 479 316L Stainless Steel	
		Retractable Rod Diameter	
	38	3/8" Diameter Rod	
	58	5/8" Diameter Rod	
		Retractable Rod length	
	18	18" Nominal Rod Length (11.60 Insertion Length)	
	24	24" Nominal Rod Length (17.60 Insertion Length)	
	30	30" Nominal Rod Length (23.60 Insertion Length)	
	36	36" Nominal Rod Length (29.60 Insertion Length)	
	42	42" Nominal Rod Length (35.60 Insertion Length)	
	48	48" Nominal Rod Length (41.60 Insertion Length)	
		Packing Material	
	TF	Teflon Packing (260°C) (500°F)	
	GF	Grafoil Packing (474°C) (885°F)	
		Retractable Bio-Probe Holder Order Code	
Refer to "Bio-Probe Adaptor" for Ordering Details			

Model	Rysco Retractable: Bio-Probe Adaptor		
RBPA	Probe Material Type		
	316L	ASME SA 479 316L Stainless Steel	
	CUS	Custom	
		Coupon Type	
	STUD	<p>Stud Bio-Probe - The "bio" probe is used as a collection tool for Bacterial Testing. Microbiologically Influenced Corrosion (MIC) is the degradation of materials, usually metal, due to the activity of microorganisms. Biocorrosion commonly takes place underneath biofilms, which consist of colonies of microorganisms attached to a surface. This 5 stud bio-probe assembly allows you to perform a series of tests from one sample location.</p>	
		Number of Studs	
	5	5 Stud Standard	
	CUS	Custom - Refer to order instructions below	
		Stud Material	
	CS1	ASTM A350 LF2 Carbon Steel	
	CS2	ASTM A105 Carbon Steel	
	316L	ASME SA 479 316L Stainless Steel	
	CUS	Custom - Refer to order instructions below	
		Bio-Probe Adaptor Order Code	

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