Easy Tool Retracting System

Safe & Reliable Operation of Corrosion Monitoring Equipment Under Pressure

Safe and controlled insertion and retrieval of monitoring devices under live process conditions. In demanding industrial environments, corrosion monitoring equipment must frequently be serviced while the process remains operational. Safety, reliability, and ease of operation are paramount when working with pressurized systems.

1. Controlled Retracting System Overview

The Easy Tool Retracting System from Metal Samples provides a lightweight, mechanical mechanism for the controlled insertion and retrieval of inline probes and systems without requiring process shutdowns.

- **Compatible Equipment:** Electrical Resistance (ER) Probes • Linear Polarization Resistance (LPR) Probes • Corrosion Coupon Insertion Assemblies • Chemical Injection & Sampling Systems.
- **Lightweight & Compact Footprint:** Engineered for improved field handling, reduced operator strain, and tight piping locations during routine maintenance.
- **Controlled Motion & Versatility:** Smooth mechanical movement prevents sudden probe blow-out or mechanical binding, adaptable to various probe insertion lengths and travel distances.
- **Industrial Quality & Compatibility:** Fully compatible with standard retractable packing gland assemblies and built to withstand harsh field operating environments.

2. High-Pressure Safety & Operating Specifications

When working on pressurized process piping, manual handling of long probe rods can present safety risks due to internal pressure forces pushing against the packing gland. The Easy Tool provides mechanical restraint and controlled feed during probe insertion and removal, effectively eliminating the risk of uncontrolled probe ejection and enhancing operator protection.

Parameter / Guideline	Specification & Operating Envelope
Recommended Safety Use	Metal Samples specifies the Easy Tool for operational pressures above **150 PSI (10 bar)**.
Maximum Pressure Rating	Compatible with standard packing glands up to **2,000 PSI (138 bar)**.
Application Area	Retractable ER/LPR probes, coupon holders, and chemical injection systems.

> **Official Metal Samples Distribution by Imotron:** Imotron supplies the complete range of Metal Samples Easy Tool retracting systems to ensure safe and efficient corrosion monitoring across your facilities.

Enhance Field Safety During Retractable Operations

Contact Imotron for technical specifications, compatibility advice, and purchasing information for the Metal Samples Easy Tool system.