



*The
Sampling
Connection*



MODEL D2 AUTOMATIC SAMPLER

Tube and Auger Sampler for Non-Free Flowing Materials

Features

- Close tolerance (0.003" / 0.008 cm) between the auger and tube assures self-cleaning
- Includes 316 stainless steel tube and auger
- Slotted tube rotates 180° introducing material to the auger which positively extracts the sample
- Low height requirements
- Rotating slotted sample tube allows for sample clean out to prevent cross-contamination
- Custom mounting adapters
- Custom tube and auger design
- Pre-mounted in lines, spouts or hoppers
- Nickel-impregnated Teflon® for a non-stick surface
- Hardening treatments to protect against wear and abrasion

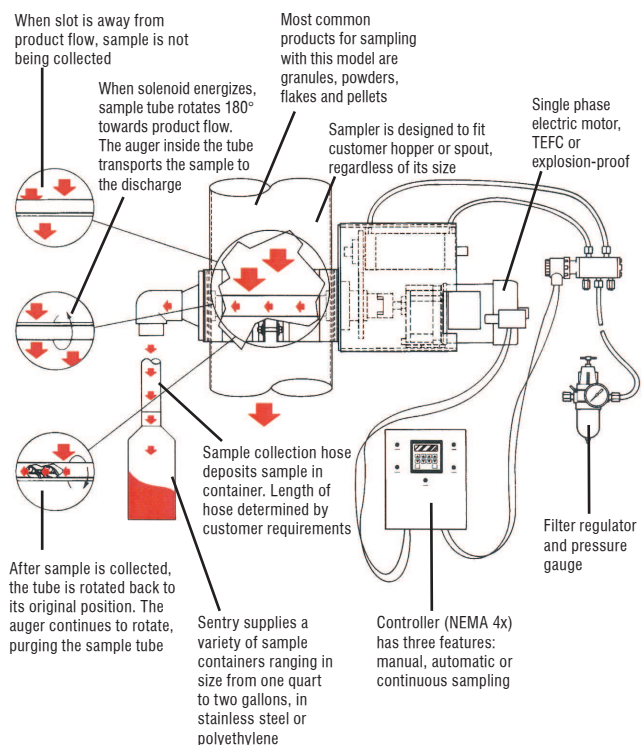
Options

- Custom mounting adapters
- Custom tube and auger design
- Pre-mounted in lines, spouts or hoppers
- Nickel-impregnated Teflon® for a non-stick surface
- Hardening treatments to protect against wear and abrasion

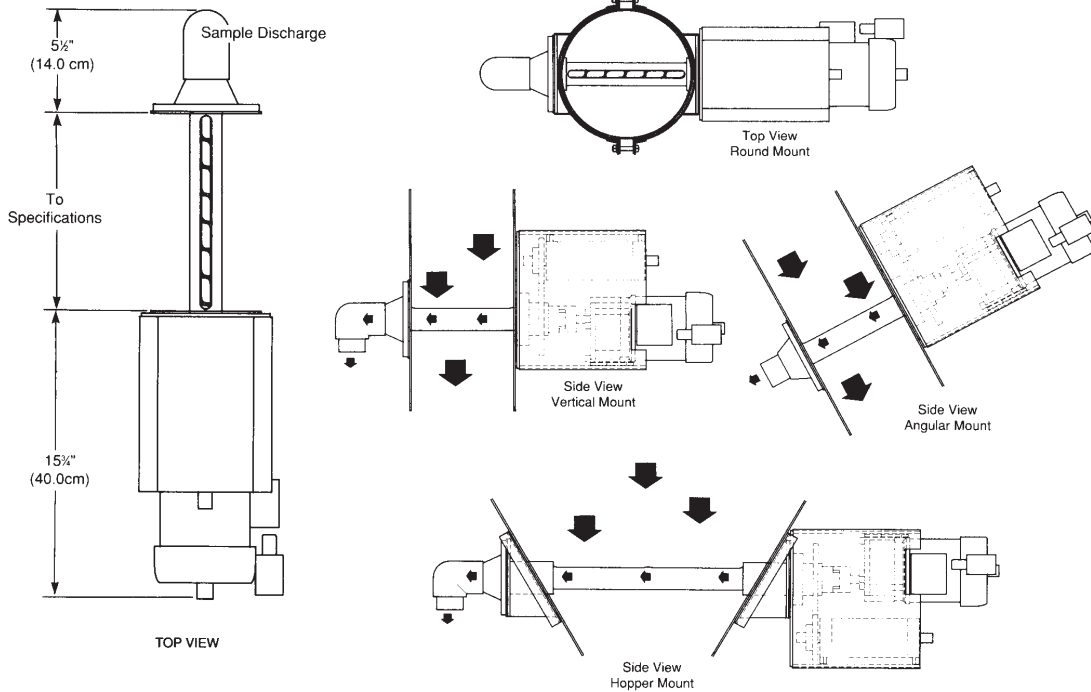
Description

The Model D2 automatically takes a strip sample of either free flowing or non-free flowing materials in gravity chutes and hoppers. Bulk solids such as pellets, powders, flakes and granules can be sampled.

The Model D2 collects a sample when a solenoid-operated actuator rotates a slotted sample tube through the product flow, taking a cross-sectional sample. Simultaneously a motor-driven auger draws the product to the discharge point.



MODEL D2 TECHNICAL DATA



SPECIFICATIONS

Basic Electrical Requirements	120 VAC, single phase; control box fused to 2 amps (available in other voltages)
Air Requirements	80 psig, 1.5 cfm per cycle
Quantity of Sample	determined by flow rate and aperture size and time in line
Product Size	10 micron to 1/4" / 6 mm; larger sizes upon request
Recommended Location of Sampler	vertical gravity line
Suggested Connection to Collection Point	rigid metal or flexible tubing to a collection container or multi-position collection cabinet
Materials of Construction	316 stainless steel sampling tube and auger
Temperature Range	up to 250°F / 121°C

⚠ WARNING

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



SENTRY EQUIPMENT CORP

PO Box 127
 Oconomowoc, WI 53066 USA
 Phone: 262-567-7256
 Fax: 262-567-4523

E-mail:
 sales@sentry-equip.com

Website:
 www.sentry-equip.com

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For further information, contact:

Rometec srl

Via Alessandro Minuziano, 87 - 89
 00128 - Roma
 Tel 06-5061635 Fax 065061542
 P.Iva 0412062100
www.rometec.it