



*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
- Hardening or NEDOX® coating of contact parts

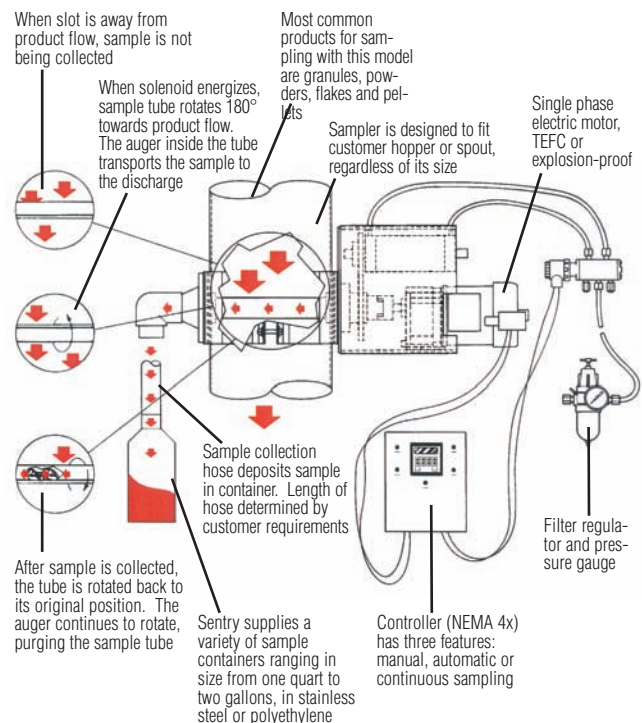
Options

Description

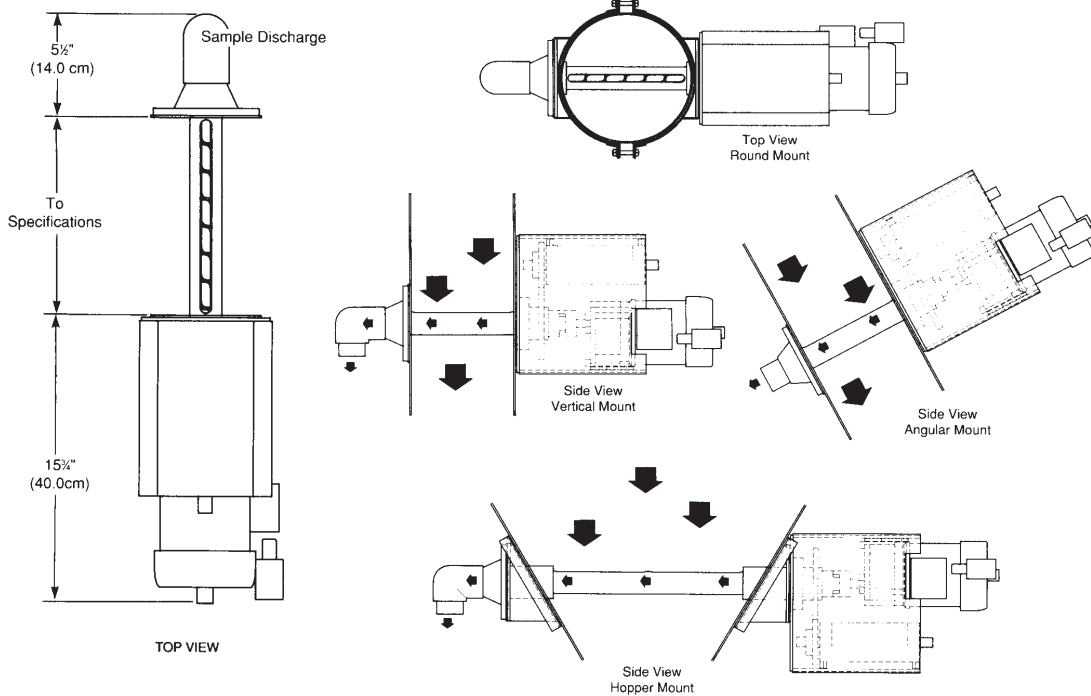
The Model D2 automatically takes a strip sample of either free flowing or non-free flowing materials in gravity flow pipes, spouts and hoppers. Bulk solids such as granules, powders and flakes can be sampled.

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.



TECHNICAL DATA



SPECIFICATIONS

Basic Electrical Requirements	120 VAC, single phase; control box fused to 2 amps (available in other volt-ages)
Air Requirements	80 psig, 1.5 cfm per cycle
Quantity of Sample	determined by flow rate and aperture size and time in line; standard aperture 3/4" wide x 1" deep x stroke length less 1-1/2"
Product Size	10 micron to 1/4"; 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 or Construction	316 stainless steel sampling tube and auger
Temperature Range	up to 250° F



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