



## PRODUCT BULLETIN

### PS Series Slurry Samplers

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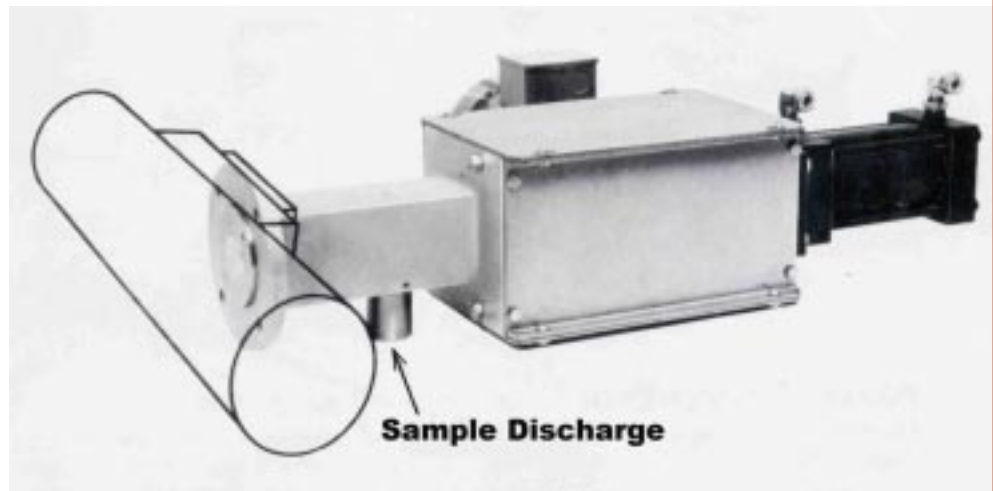
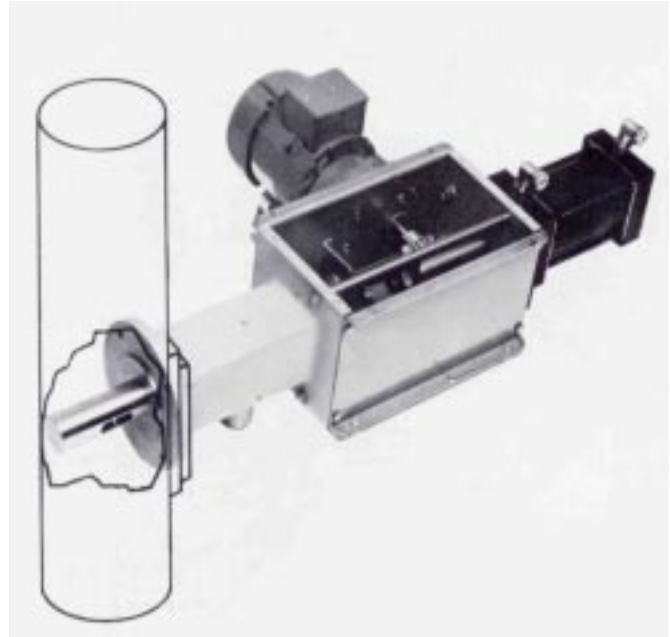
The PS Series of samplers are industrial samplers for free-flowing materials from microscopic powders to large granules and pellets, heavy viscosity liquids and liquids with solid suspensions. Collects accurate samples from gravity or high pressure positive or negative air conveying systems (dense or dilute phase). Manual or automatic operation of controller. Sizes and capacities determined by your operation.

#### MOUNTING

The model PS is mounted in vertical or horizontal lines, spouts or chutes by matching flanges or is pre-mounted at the factory in section matching conveying line.

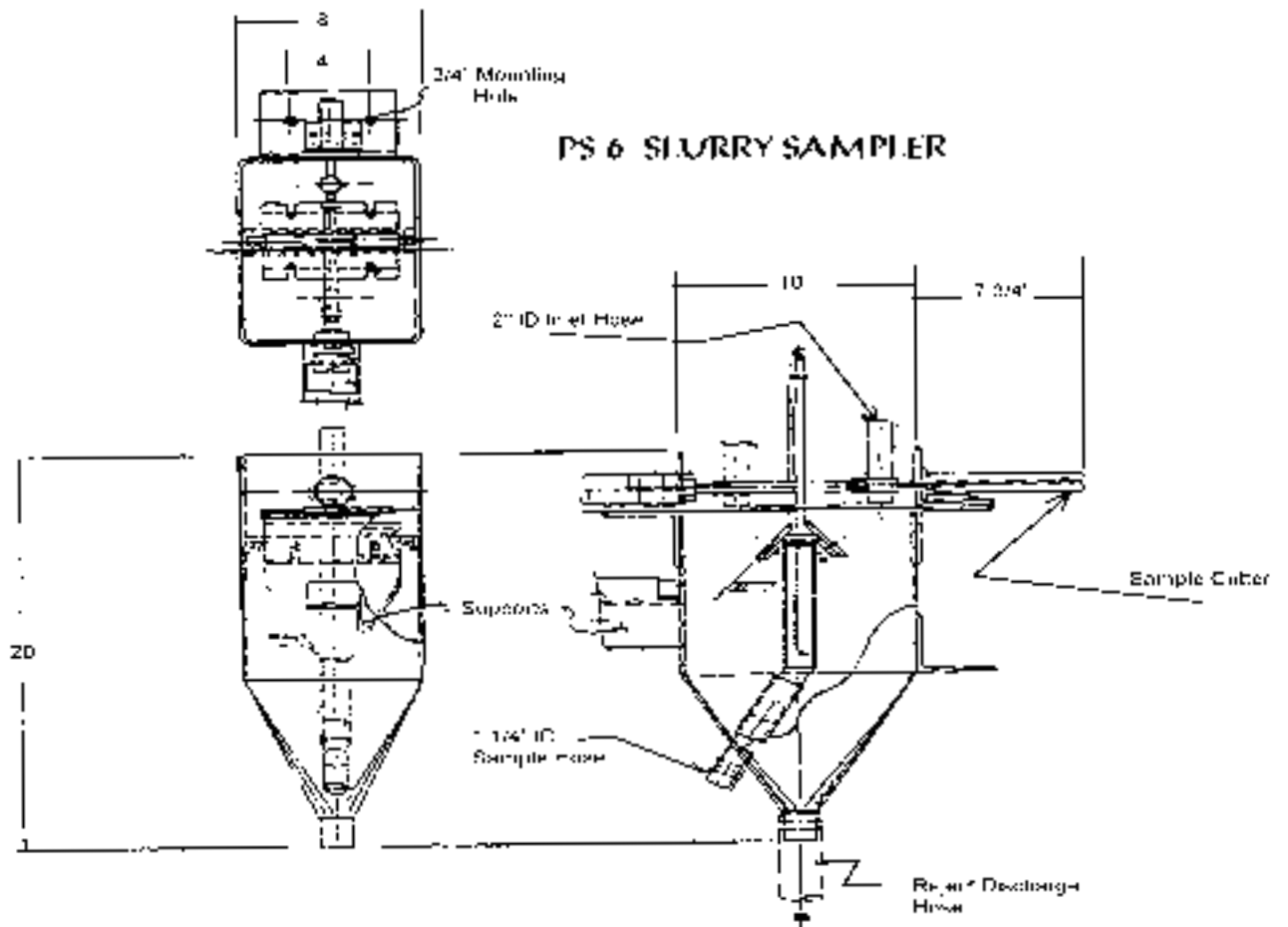
#### CONSTRUCTION

Housing is aluminum; sampling tube and auger are stainless steel. Mechanical Teflon seals rated to 100 PSI. Optional mounting adaptors fit round or other-shaped chutes. Other construction materials available as required by application.



#### OPERATION

At the direction of a controller (by time, by count or manual), a sampling tube is pneumatically extended 4" into the product stream. (6" and 8" extensions available). The sampling tube is slotted lengthwise and the slot collects a cross-section of the stream. The tube then fully retracts and a screw auger inside the sampling tube automatically operates for a short preset time, augering the sample to the discharge point. The sample is delivered by gravity through flexible metal or plastic tubing to a collection container. Close tolerance .003" between sample tube and auger ensures product cleanout. Full retraction of tube eliminates product stream obstruction.



ALL DIMENSIONS ARE IN INCHES