

## AUTOMATIC PNEUMATIC SAMPLERS

### MODEL PSS

- SUITABLE FOR POWDERS AND GRANULES
- SAMPLE CATCHMENT FROM PNEUMATIC CONVEYING LINES
- NO PRODUCT DEGRADATION
- SIMPLE CONSTRUCTION

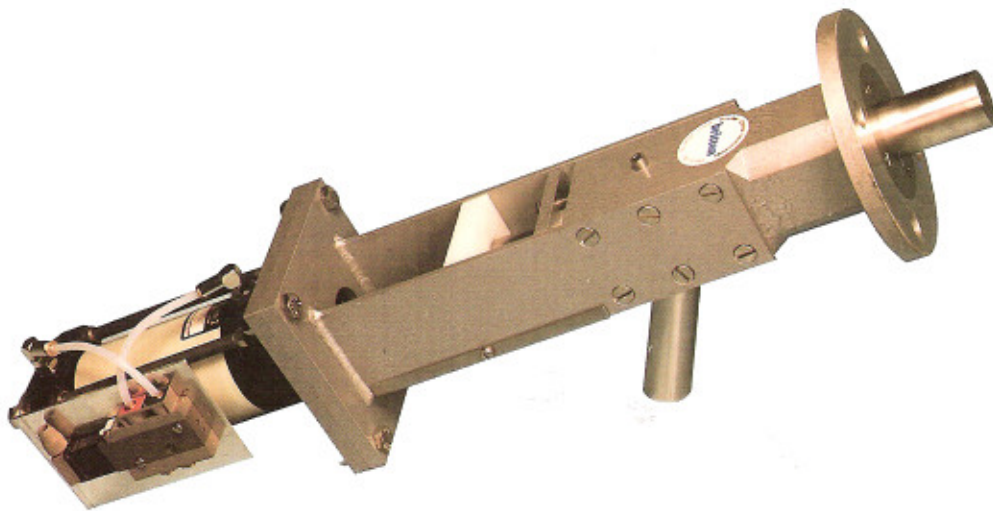
This pneumatically operated sampling device has been specifically designed to provide a representative sample of powders or granules from lean or dense phase pneumatic conveying lines.

The sampler has a corrosion resistant aluminium body, 316 stainless steel precision ground sample tube, UPC-10 polyethylene based seals and is operated by a pneumatic cylinder to VDMA standard. The cylinder is controlled by a single 5/2 solenoid valve.

The sample tube extends into the conveying line by means of the pneumatic cylinder, the sample tube fills with product and retracts, the sampled product is then discharged under gravity (assisted by the captured air pressure) to the collection point.

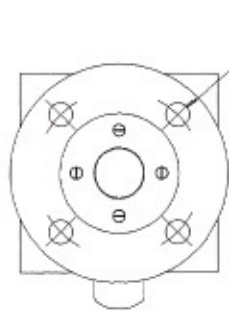
By using a double seal arrangement, the sample catchment area is fully isolated from the collection point during operation.

Rapid cycling of the sample tube quickly produces a large volume of sampled product.

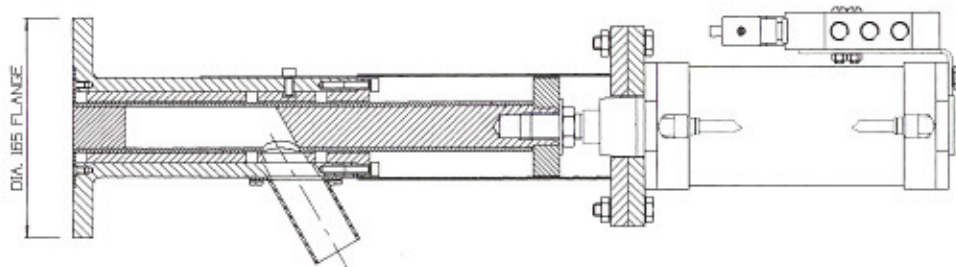
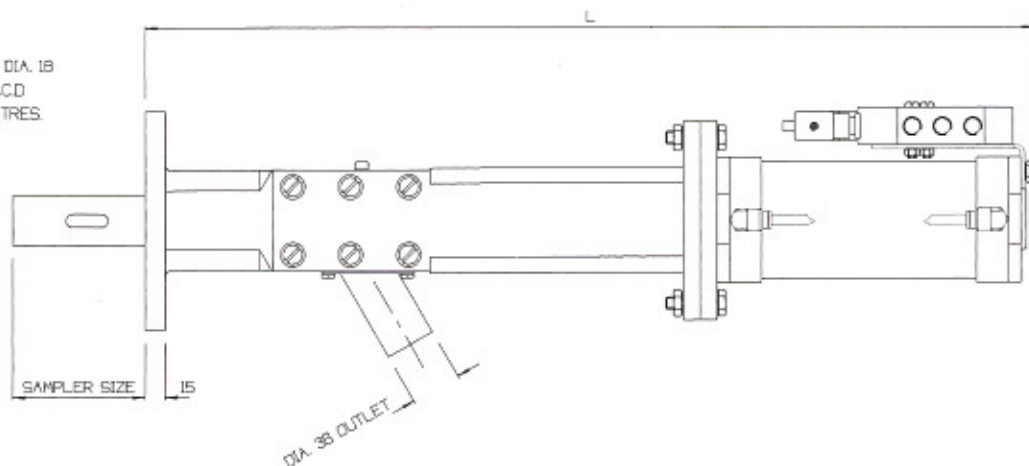


Guard removed for clarity

**Britton**  
POWDER CONTROL



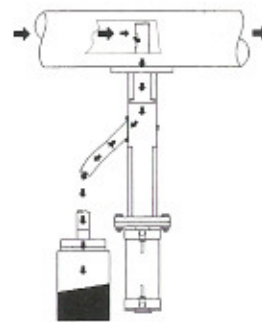
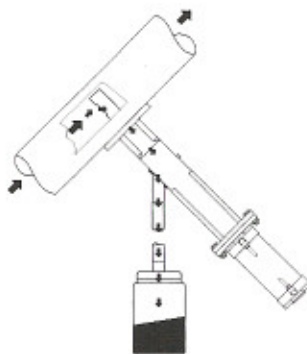
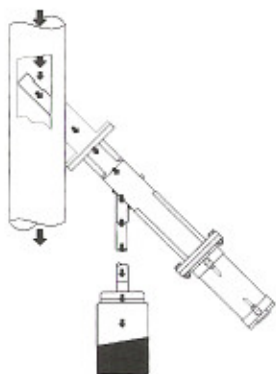
4 HOLES DIA. 18  
ON 125 P.C.D  
OFF CENTRES.



SAMPLER SIZE	DIM. L
100	660
150	810
200	960

Dimensions in mm.

#### MOUNTING POSITIONS



#### OPTIONS:

- Fully adjustable electrical sequence control unit
- Fully adjustable pneumatically operated control unit
- Various types of mounting adaptors
- Smooth bore flexible hose and sample container with wall mounting bracket
- Electrical indication of sample tube position

We are continually developing our products and accordingly we reserve the right to change specifications and dimensions without prior notice.



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