

AUTOMATIC PNEUMATIC SAMPLER

MODEL R

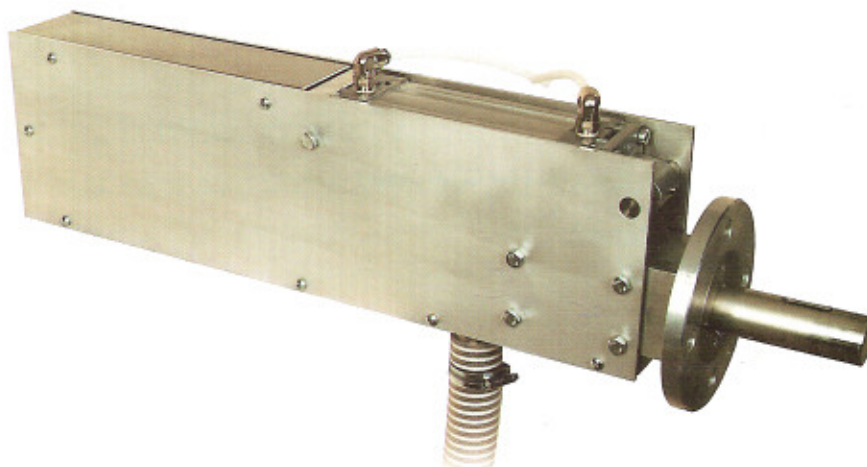
- **SUITABLE FOR POWDERS AND GRANULES**
- **SAMPLE CATCHMENT FROM HOPPERS, PNEUMATIC AND GRAVITY CONVEYING LINES**
- **ALL AIR OPERATED**
- **AIR/DUST-TIGHT CONSTRUCTION**

This sampling device has been designed to provide automatic sampling of powders and granules from hoppers and conveying lines.

The body is constructed from aluminium, the sampling tube from 316 stainless steel, the seals from UPC-10 polyethylene and is operated by a pneumatic cylinder to VDMA standard. Being completely air driven, the sampler is explosion proof.

A sample is taken when the tube extends into the flow of material on receiving a signal from the controller, the air driven auger motor is simultaneously started. The tube will remain in this position for the preset time, continually collecting the sampled product. The timing device is flexible and easily reset, allowing the correct quantity of sample to be collected each time.

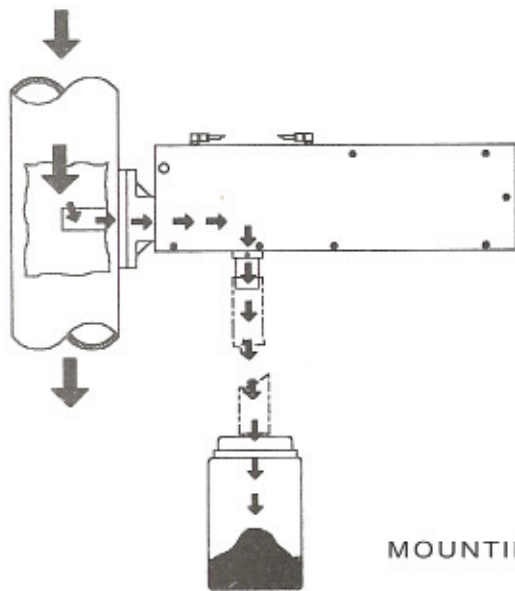
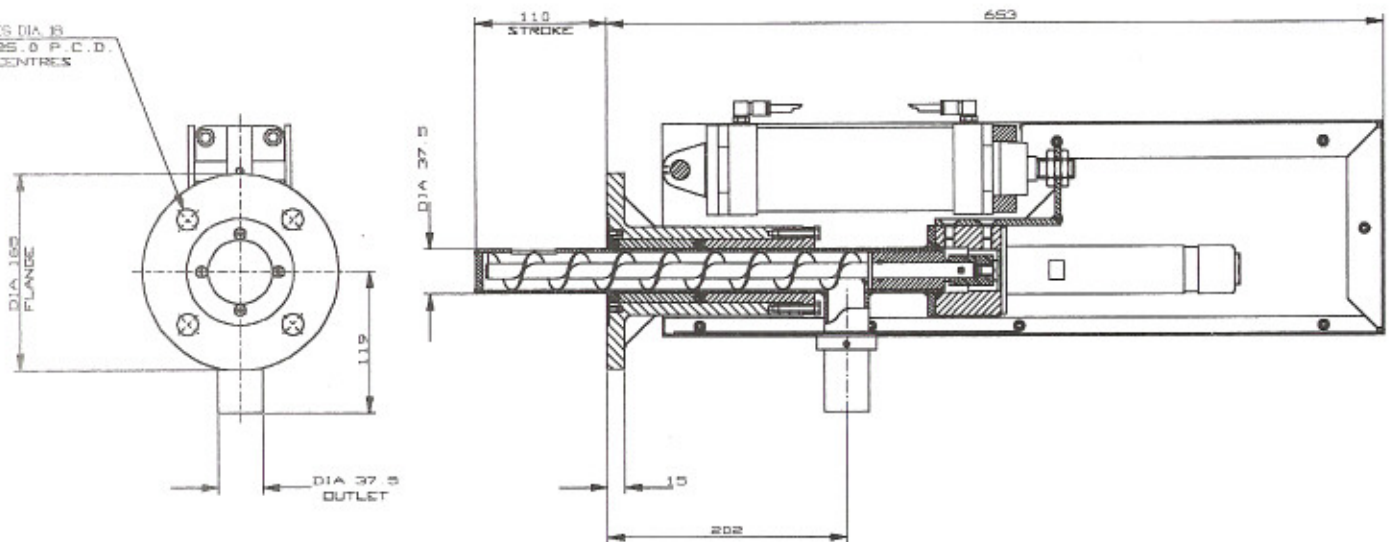
When the preset time is reached the tube retracts from the conveying line, the motor however, continues to operate to enable all the sample remaining in the tube to be purged. This is vital to ensure that each sample taken is a true and precise representation of the product. When the sample tube is retracted there is no obstruction to the flow of material and the unit is sealed.



Britton
POWDER CONTROL

R TYPE SAMPLER

4 HOLES DIA. 13
ON 125.0 P.C.D.
OFF CENTRES



MOUNTING POSITION

OPTIONS:

- Fully adjustable pneumatic control
- Various types of mounting adaptors
- Smooth bore flexible hose and sample container with wall mounting bracket
- Electrical or pneumatic indication of sampler 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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