

The **IL50** Sampler provides a versatile and low cost means of automated sampling.

Powered by a Pneumatic Cylinder, the sample collector enters the product and collects a sample.

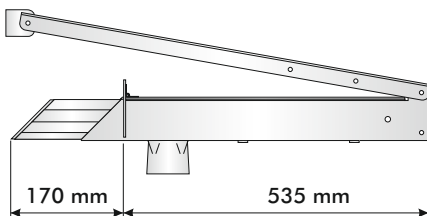
The sample collector then returns and empties the product through the outlet spout below.

SPECIFICATIONS

Electricity Supply :	110/240V AC
Air Supply :	6.0 - 7.0 Bar
Sample Collector :	60 Dia x 60 Depth (mm)
Volume:	172 cm ³
Installation :	Easy to install, bolt on fixing for square or round ducts *
Maintenance :	None
Construction :	304 Grade Stainless Steel
IP Rating:	IP65
Dimensions :	

- Capable of sampling from free flowing products.
- Operates from compressed air, controlled by 24volt DC electrics.
- Will sample a varied range of products from free flowing grains / cereals to pellets up to 20mm dia.
- Programmable via Control Unit.

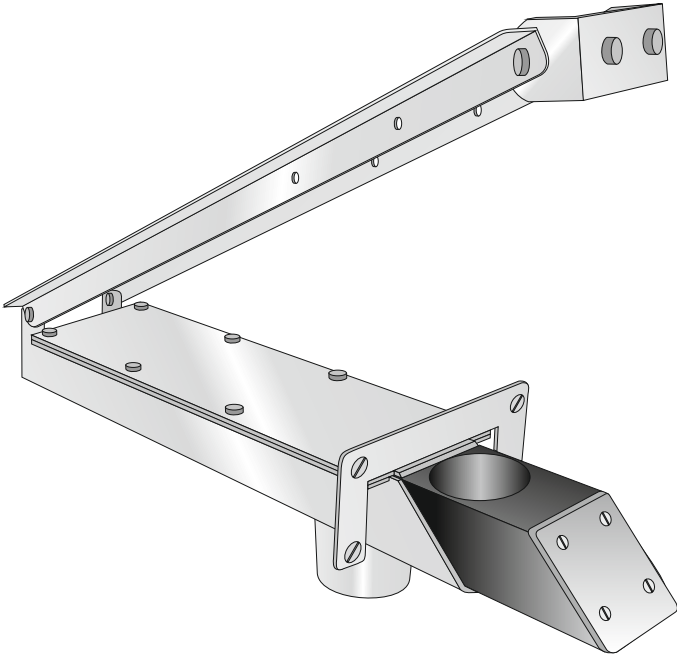
Advantages of automating the practice of sampling by using the **IL50**



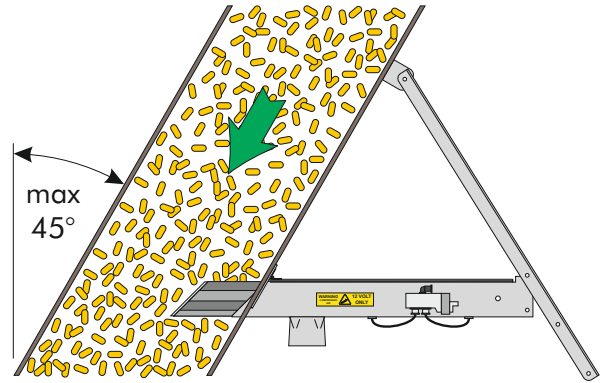
1. Repeatable sampling is guaranteed.
2. The same volume of sample is taken to enable accurate comparison of results.
3. Reduction in labour input = reduction in human error.
4. Minimisation of Health and Safety risks associated with manual sampling.
5. Sample can be collected via a gravity feed flexible pipe.

Complies with Council Directive 2006/95/EEC for Low Voltage Directive.

* Round ducts must have a minimum radius of 1 metre otherwise duct adapters are available upon request.



The hinged adjustable mounting bracket allows for installation not only into vertical ducts but ducts angled up to 45°.



Control :

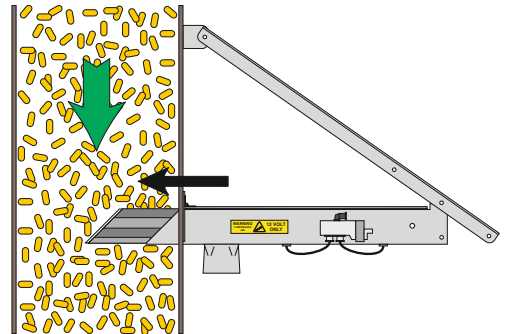
Programmable **CB5** Timer Unit with manual single sample operation and fully automatic sequence timer.

Time between samples is variable from 6 seconds to 60 minutes.

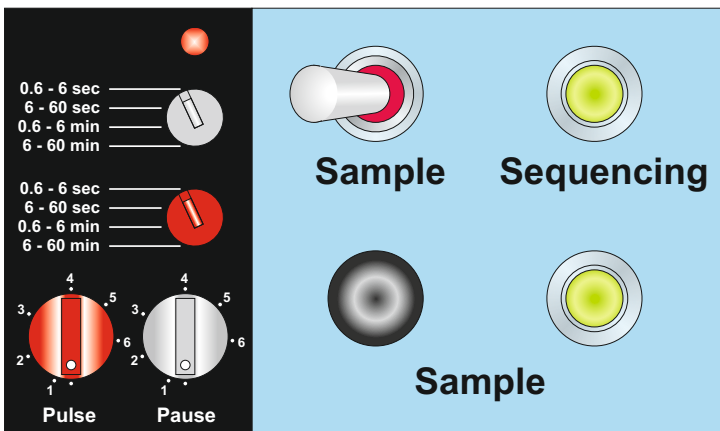
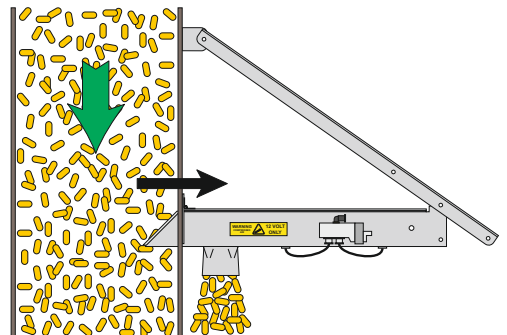
Time in product (sampling time) is variable from 6 seconds to 60 minutes.

The Control Unit has the ability to be interfaced with existing mill control systems.

Powered by compressed air, the **IL50** sample collector enters the material flow and catches a sample.



The sample collector then returns, emptying the sample through the chute below.



Complies with Council Directive 2006/95/EEC for Low Voltage Directive.