



PARTICLE SIZE MEASUREMENT

On line particle size measurement **PART SIZER PS 100**



REPLACE YOUR MANUAL SIEVINGS

Part'Sizer type PS 100: Particle size measurement for products from
tens of microns to several millimetres

INNOVATIVE AND PATENTED DEVICE

1. DESCRIPTION

Part'Sizer type PS 100 is a device of on line sieve test. It is devoted to raw products from some dozens of microns to several millimetres. It enables to check the particle size and the shape of the product during the different steps of its manufacturing.

This device answers to the following needs:

- To decrease the production costs via a complete automation of the control
- To respect the particle size specifications and avoid the non-conformities

2. ADVANTAGES

Part'Sizer is an entirely automatic device from the sampling to the measure.

It owns various advantages :

- Results in adequacy with a manual sieving
- Reproducibility thanks to a complete automation of the cycle of measure
- Sampling according to the needs and the norms
- Adaptable to any industrial environment
- Sturdy
- A few maintenance
- Automatic cleaning between each cycle

3. PRINCIPLES

Part'Sizer is an innovative and patented device

It is made of automatic sampling and of a system based on a drum consisted of several sieves.

The cycle of measure is optimized according to the product characteristics.

The results are represented thanks to an 'under' percentage according to the used sieves and detection of significant denial. They are related via standard links to the industrial systems in charge of the manufacturing process.

The system auto cleans itself to avoid any pollution.

It can be monitored by the PLC of the customer or be delivered with an embedded PLC.

The analysis of the sieve test on line enables to realize real savings in every branch which manages products from some dozens of microns to several millimetres: minerals, sugar, washing powder ...

Technical data subject to change.

4. PERFORMANCES

- On line analysis of 4 sizes of particles (standard, contact us for more sizes)
- Storage of the results
- Recording of the events of the production (option)

5. TECHNICAL SPECIFICATIONS

Sizes: (H x L x P) 110 mm x 100 mm x 80 mm

Weight: 180 Kgs

Power supply

Operating voltage: 115 or 230 VAC
50 or 60 Hz 1.5 Kw

Compressed air 6 bars

Material of the device: Steel (stainless option)

Technical data subject to change.