

rotating sample divider with autosampler available

The Rotary Sample Separator is an instrument for dividing a whole sample equally into 6, 8 and 10 samples, each of which has the same physical and chemical properties and can represent the properties of the whole sample.

rotating sample divider Instrument

Technical Features

1. LCD touch screen operation mode, can be preset time, rotational speed, sample feeding speed, simple and fast operation.
2. Split sample results are representative.
3. A variety of volumes of sample bottles can be selected to meet different experimental needs.
4. Sampling time can be controlled to seconds, and the results are reproducible.
5. Configuration of synchronized autosampler to achieve automatic feeding, the entire sampling process automation.
6. The bottle adopts quick loading and unloading design, only simple insertion and rotation can realize the installation and disassembly of the bottle.
7. Compact design, no need for maintenance.



8. The instrument has RS232 data transmission interface, which is convenient for software program upgrade and maintenance.
9. The instrument is equipped with strong magnetic anti-interference system, the instrument runs more stable.

Working Principle

The sample first enters the inlet of the eccentric setting through the autosampler, and the autosampler feeds the sample at a uniform speed, and the sampling instrument rotates at a uniform speed, which ensures the uniformity and representativeness of the subsampled sample. Sampling process is carried out automatically without interference. Split Sampler is an instrument for splitting the total sample to obtain a representative aliquot of small portion samples, it can handle fine powder samples as well as apply to rough materials, feeding and splitting are automated without interference from the environment, and no loss of material occurs.

Applications

1. Suitable for split samples and sample reduction.
2. Used in electronics, engineering, coal, coke, rock minerals, glass, plants, agricultural products, materials, construction raw materials, pharmaceuticals, ceramics, food, spices, cement and other fields.

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Model	TF200
Feed size	≤ 12mm
Number of samples	6, 8 and 10
Batch size	≤ 5000ml
Storage program	10 kinds of storage programs
Time setting	1s to 99min59s
Rotation speed	20 to 150rpm
Sample bottle volume	25, 30, 50, 100, 250 and 500ml
Power supply	220Vac, 50Hz
Weight	30kg
Dimensions	465x490x620mm