



Prepare fibre samples using Wira's unique, compact and fully enclosed opening machine

Randomise, remove impurities and create uniform samples.

The Wira Fibre Opener provides a convenient, efficient, and reliable means of preparing fibre samples, for subsequent analysis.

Method

A feed-roller arrangement presents the fibre to a high-speed cylinder. The fibre is then transferred and dispersed into an air chamber before being collected in a sample bin. The combination of mechanical and pneumatic means of opening, separating and mixing the fibres, results in a truly randomised sample, thereby allowing more accurate and reproducible measurements.

A variable speed fan allows the air currents to be adjusted. A trash collection chamber located beneath the machine collects vegetable matter and impurities for analysis.

Options

Optional variable speed control for the cylinder and feed enables the machine to be easily adjusted to individual requirements.

Key Features

The Wira Fibre Opener can be used in a number of applications including:

- ✓ Preparation of samples for physical testing
- ✓ Removal of trash and impurities, for analysis
- ✓ Sample de-hairing of cashmere and other specialised fibres
- ✓ General opening of samples for the purpose of assessment of yield, colour, oil content etc

Dimensions: 700mm (W), 700mm(D), 500mm (H)
Power Consumption: 1.5 kW

Order Code: FOP:001