



The preparation and handling of samples for the measurement of finish on yarn (FOY%) or oil pick up (OPU%) needs a lot of operator time which can be better used for more important quality tasks in the laboratory.

The Lenzing Automatic Sample Collector **ASC 12** is designed to free the operator from this time consuming procedure.

It takes over the samples from the **ACW**, the automatic denier measurement unit of Lenzing Instruments, and collects them in baskets. During this measurement, the weight of the sample is determined accurately and in a fully automated way. In parallel the identification data of the sample and the corresponding weight are transferred to the **ASC**.

In this way the whole sample preparation is done and the operator just needs to take the samples and present them to a (e.g. ALFA 200) spin finish analyzer, where also the data of sample identification and weight are entered.

The **ASC 12** is an instrument which prepares 12 samples for further testing, e.g. spin finish test, automatically. Therewith it remarkably saves operator time and makes sample preparation more accurate and reliable.

Furthermore the preparation procedure and data generation is done in a general way and does not refer to one specific spin finish analyzer exclusively.

Scope:

Automatic preparation of specimen for the finish on yarn (FOY%) or the oil pick up (OPU%) test or other tests in combination with the automatic denier tester ACW 400.

Method:

Samples tested on the Lenzing Instruments denier tester ACW are taken over by the ASC, collected in baskets and the corresponding test results (weight and/or length) and identification are stored and

managed there in parallel.

The prepared samples now just need to be presented together with the results to the spin finish analyzer and the test can be carried out.

Number of collecting positions:

12 cups, more on request

Printer:

Panel needle printer for endless paper, 58 mm width.

Dimensions:

Height: 680 mm

Width: 650 mm

Depth: 510 mm

Weight: 23 kg

Interface:

RS 232 to connect with ACW

Evaluation and control unit:

Freely programmable PLS-system.

Power supply:

100 to 240 V

50/60 Hz, 30 VA

Safety class I