



WHITE WATER RECIRCULATION SYSTEM WR-01 model

Complementary system of the sheet former that allows to reuse the white water used in making standard samples of paper sheets.

WHITE WATER RECIRCULATION SYSTEM WR-01

GENERAL INFORMATION

This optional laboratory sheet former system makes it possible to reuse in a closed circuit the white water that passes through the metallic mesh for the retention of fibers and mineral charges that want to adhere to the aqueous suspension to form the sheets of paper, which are they intend to obtain in the laboratory.

In this way, the new contribution of water to the cylindrical tank of the former contains fibrils and additives as mineral fillers that have been used; this closed-loop process is more similar to industrial production processes for paper manufacturing.

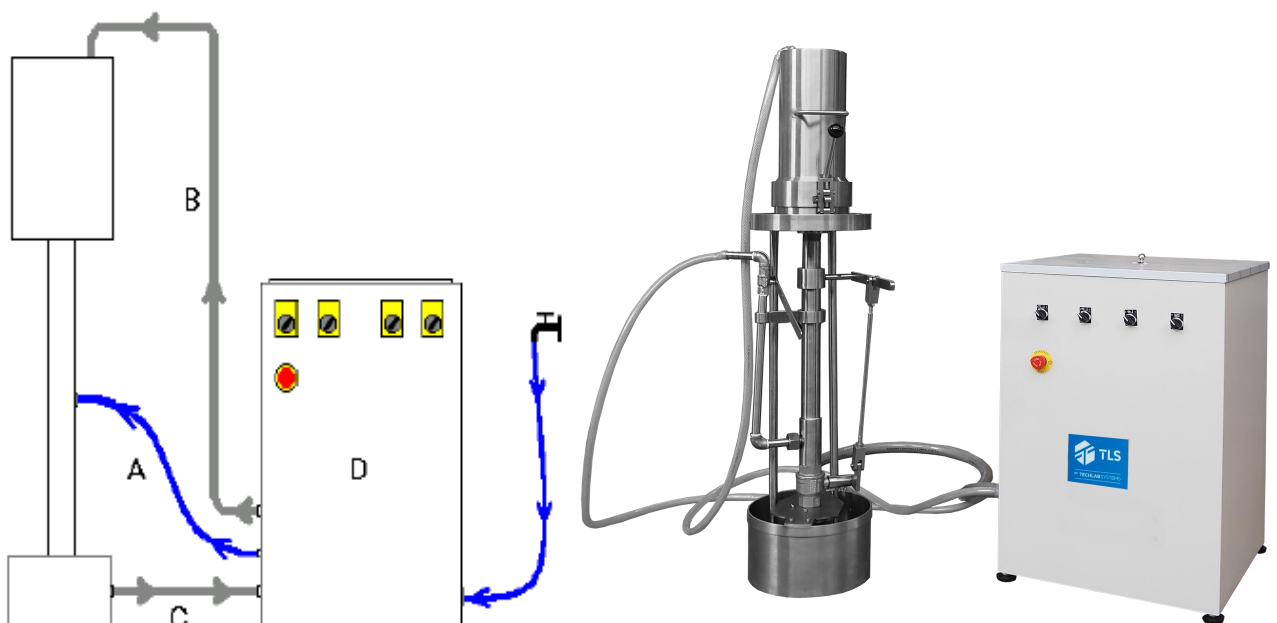
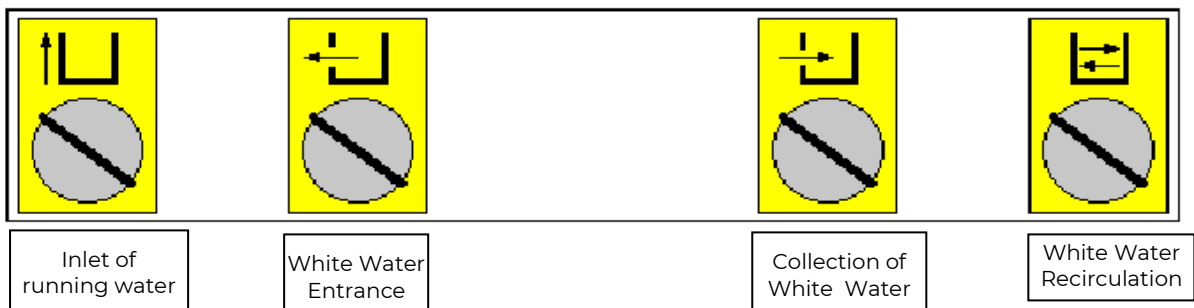
The equipment described, working together with a sheet former, makes it possible to reuse the white water used in carrying out standard samples of paper sheets.

The basic functions that can be controlled from the system are:

- **Running water inlet. (TO)**
- **Contribution of white water. (B)**
- **Collection of white water. (C)**
- **Recirculation of white water. (D)**

Once the equipment is installed together with the trainer, it presents the appearance shown in the figure:

You can see, on the left, the column where the sheet of paper will be formed, and on the right the white water tank that includes the control knobs, which graphically represent the functions they perform:





White water tank interior view

POWER SUPPLY: 110V/60Hz or 220V/50Hz single-phase

DIMENSIONS OF EQUIPMENT: 500 x 450 x 1100 mm (W x D X H)

NET WEIGHT: 60 Kg

DIMENSIONS OF TRANSPORT PACKAGING: 700 x 650 x 1250 mm (W x D X H)

GROSS WEIGHT: 90 Kg (Wooden packaging with phytosanitary treatment)

STANDARD SUPPLY CONTENT:

- * White Water Recirculation System WR-01 model
- * Required system hoses