



COLORTEC²

SAMPLE DYEING MACHINE



The COLORTEC² is an ideal instrument for research and development, as well as recipe formulation. It is suitable for use at temperatures up to 135°C (275°F) and can process most types of material in the single kier.

Roaches reserve the right to alter the specifications or modify the appearance of products without prior notice.



Holders are supplied for fabric, yarn or loose stock. An external vessel provides the ability for making additions and dosing to the kier even at high temperatures and pressures.

Liquor circulation is achieved using a heavy-duty stainless steel gear pump, which is reversible. The gear pump speed is controlled electronically. Liquor can be circulated externally through other equipment such as a spectrophotometer for on line analysis of the dye liquor, providing maximum potential for both research and production.

Unit Features

- Compact Design
- High Temperature pH Monitoring
- Programmable Dosing from Additions Tank
- Fully Programmable Liquor Flow
- Historical Temperature Profile Recording
- Connection to In-Line Spectrophotometer to measure live changes of dye liquor
- Max Temperature 135°C
- Differential Pressure Control
- Connection to Existing Network
- Up to 300 grammes of Material

The process control is achieved using an advanced technology PLC based system. This gives utmost flexibility and allows the machine to be linked to the factories standard Ethernet 10/100 Network. As standard the controller will store up to 5000 batches of historical data which includes all of the Inputs and Outputs of the PLC as well as time, temperature, pressure, flow rates and any other information that you could wish to be available. Recipes can be copied, edited and linked easily.

Key Specifications

| | |
|-------------------------|------------------------------------|
| Power Supply | 230V, 1 Phase, 50-60Hz |
| Size (to top of screen) | 850mm (L) x 600mm (D) x 1200mm (H) |

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