

## Speed dryer model 145



### Features

- » Regularly used with the applicable TAPPI, CPPA, ASTM and APPITA test methods
- » New dielectric distributed heat plate provides stable linear heat source for drying samples
- » New tight PID thermal control of the heat plate allows desired temperatures to be reached fast and accurately regardless of varying load conditions
- » New multilayer ceramic insulation maintains extremely high heat source efficiency
- » New non-conductive cover handle eliminates the transfer of heat and is now cool to the touch
- » Our heavy vented cover, hinged at the rear, is fitted with a non-asbestos breathable fabric cover pad that functions as a dryer felt and presses the sample or hand sheet firmly against the flat, heated plate
- » Digital set point controller and heavy duty solid state relay provide reliable long life control
- » Ruggedly built and constructed for continuous service in pulp and paper mill laboratories and other industrial testing environments
- » Larger plate area than Model 140

Using the latest technology, the new design consistently maintains a temperature range proportionally across the entire working surface. This eliminates any non-linearity of heat and utilizes the entire test surface. Our heat plate is made of a heavy, precision, flat aluminum for accurate testing. Our commitment to provide the highest quality equipment and technology to our customers continues with this latest design.

### Applications

- » Determine the moisture content of pulp, paperboard, consistency pads, newsprint, kraft, groundwood and tissue.
- » Ruggedly built and constructed for continuous service in pulp and paper mill laboratories and other industrial testing environments.
- » With a 230°C option, the speed dryer is being used more and more to test the moisture content of nonwoven fiber materials.

### Technical specifications

- » Control accuracy;  $\pm 1$  °C @ 105 °C
- » Range: up to 150 °C
- » Units: °F or °C
- » Voltage: 115 or 220 V (specify) - 1500 Watts

### Physical specifications

- » Dimensions plate area
  - » Model 145 91.5 x 35.5 cm (WxD)
  - » Model 140 61 x 35.5 cm (WxD)
- » Net Weight
  - » Model 145 30 kg
  - » Model 140 18 kg

### Standards

Applicable TAPPI, CPPA, ASTM and APPITA test methods