

Heated Perforated Vacuum Table

Apply even and consistent films of paint and coatings on test charts.

Datasheet > AB4430, AB4435

Heated Perforated Vacuum Table with built-in temperature control and display.

Create thin films of paint, lacquers and other materials. Add an optional vacuum pump to hold your test charts, non-elastic foils and other flat substrates firmly in place. Small sized specimens can be held in place by covering any remaining vacuum holes.

Heat is evenly distributed so the entire vacuum plate has the exact same temperature. Temperature can be adjusted from ambient till 125°C. The digital controller allows users to accurately set the temperature to one decimal place.

The Heated Perforated Vacuum Table is compatible with all common type applicators such as Baker and Bird.

Applications

- ✓ Test coatings to evaluate opacity, hiding power and other appearance parameters.
- ✓ Test adhesives like glues to evaluate bonding strength at different temperatures.
- ✓ Apply slurry pastes for research of thin film technologies in battery development.
- ✓ Prepare test charts for scrub -, abrasion- and washability tests.

Features

- ✓ Durable and inert surface with an absolute flatness
- ✓ To be used with charts, foils, panels and other flat surfaces
- ✓ Even temperature distribution
- ✓ Digital temperature control

Scope of supply

- ▶ Heated Perforated Vacuum Table

Ordering information

AB4430 – 230VAC Heated Perforated Vacuum Table
 AB4430 – 115VAC Heated Perforated Vacuum Table

Accessories / Optional Items

AB3675 – Vacuum Pump 115VAC
 AB3676 – Vacuum Pump 230VAC

Specifications

Min. Temperature	: Ambient + 5°C
Max. Temperature	: From ambient till 125°C
Resolution of Set Temperature	: 1°C
Resolution of Readout Temperature	: 0.1°C
Drawn Down Length	: A3. If smaller test charts are used an A3 sized paper frame has to be created to protect the holes from paint walk.
D x W x H	: 520 x 310 x 72 mm / 20.5 x 12.2 x 2.8 inch

Use

The TQC Sheen Heated Perforated Vacuum Table is operated by two buttons. The power switch on the side and the temperature control button on the front. To set the temperature first turn the machine on and then set the temperature. The test bed will warm up to the set temperature.

Disclaimer

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