

# FRYKA polar

Cold Plate KP · to -30°C

FRYKA  
Kältetechnik



GmbH



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## Cooling Plate KP

### Applications

For cooling and freezing solids and liquids and checking rubber and plastic components.

Withdrawing of reaction warmth.

The cooling plate KP allows the cooling of the tested material during the processing.

### Refrigeration unit

The freezers are fitted with hermetically sealed, intrinsically safe, air-cooled refrigeration systems and are maintenance-free.

If placed in heavily polluted rooms, the condenser should be cleaned every six months.

With the quiet refrigeration system these types are optimized to being placed directly at the work place.

### Casing

Consisting of: cover, side parts and rear made from stainless steel.

Fitted with a blue protective ring around top and bottom to avoid risk of injury through corners.

The temperature control and other control elements are accommodated to the front side in a swivel flap.

### Accessories

PT 100 sensor for external temperature measuring.

### Cooling area

brass plate, nickered.

Size: 19,5 X 24,5 cm

### Versions

Type	Description
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KP 280	Cooling plate KP without temperature control and without magnet agitator. Refrigeration unit cools in continuous operation mode at lowest temperature.
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KP 281	Cooling plate KP with temperature control and connection for external PT100. Without magnet agitator.
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KP 283	Cooling plate KP with temperature control and connection for external PT100. With step-less settable magnet agitator.
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### Technical data

Outer proportions: width 320mm, length: 380mm, height: 280mm.

Weight: 24 kg

Electr. connection: 230V / 50Hz / 2,0 Amp.

Digital Temperature control with LED display

Control precision +/- 1 °C

Fitted with temperature sensor PT 100.

#### Cooling time of the cooling plate

from +20°C

to 0°C approx. 6 min

to -10°C approx. 12 min

to -20°C approx. 20 min

to -30°C approx. 30 min

#### Refrigeration power on the plate

280 Watt at + 20°C

230 Watt at + 10°C

100 Watt at - 10°C

55 Watt at - 20°C