

Touch-Display, elegant glass design, capacitive

Graphical display of the temperature curve and min/max temperature, logbook

Access control by RFID/password

Forced-air cooling

Visual and audible alarm signal

4 Shelves

Comfortable access

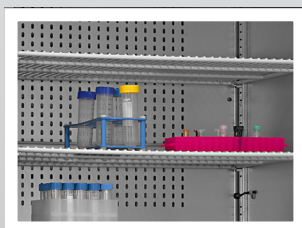
Automatic defrosting

potential-free contact/  
RJ 45 socket

Low-noise compressor

LABEX® 340 ULTIMATE

Antifreeze



**Interior protected**

Possible static charges are prevented by a dissipation system.



**Explosion protection - Zone 2**

The interior is free from ignition sources.

# LABEX® 340/468

## ULTIMATE



according to DIN 13221

- **PRO-ACTIVE- Control:**  
Permanent, proactive monitoring of the performance data and alerts in the case of deviations – so that you can take countermeasures in good time before a fault threatens your chilled goods; world’s most accurate temperature control in refrigerated areas thanks to two standard PT-1000 sensors.
- **Touch-Display**, elegant glass design, capacitive.
- **Access control** with protocol.
- **Graphical display** of the temperature curve and min/max temperature
- **External housing** made from galvanised sheet steel (rustproof), with white, anti-scratch powder coating. Length of the plug cable: approx. 2.8 m.
- **Adjustable feet** at the front to compensate uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior** of LABEX® 340 ULTIMATE consists of two conductive drawers with stops on roller runners and four height adjustable shelves on overlays. There are two adjustable length divider and nine adjustable cross dividers per drawer. Storage surface per drawer = 0.16 m<sup>2</sup>.  
Interior of LABEX® 468 ULTIMATE consists of six shelves on overlays.
- **Extra-thick 55-mm insulation**, made from high-quality, compression-moulded and environmentally friendly material. Energy saving.
- **Self-closing door** with easy-to-replace plastic magnetic seal frame, lockable.
- **Forced-air cooling**, switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.
- **Automatic defrosting** with time limit and temperature monitoring.
- **Removable condensation container.**
- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 30 hours on battery power.
- **Warning functions** with visual and audible alarm signal in the case of defective function and power failure. In the case of power failure, the monitoring unit remains in operation for approx. 30 hours on battery power. Door open alarm after 60 seconds.
- **Alarms** can be forwarded by network or potential-free contact.
- **Digital data documentation** readable via PC-KIT-NET or USB interface and software KIRSCH Datanet.
- **Antifreeze** against sub-zero temperatures.
- **Statically ventilated** (LABEX® 340 ULTIMATE) or **ventilation-enforced** (LABEX® 468 ULTIMATE) **refrigerating machine**, hermetically sealed, energy saving, low-noise, easy to service.

### Specification

	LABEX® 340 ULTIMATE	LABEX® 468 ULTIMATE
Capacity	330 litres	460 litres
Temperature setting	approx. 0 °C to +15 °C	approx. 0 °C to +15 °C
Voltage	220 – 240 V, 50/60 Hz	220 – 240 V, 50/60 Hz
Power consumption	128 watts	170 watts
Normal consumption	1.14 kWh/24 h	1.03 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C	from +10 °C to +38 °C
Heat emission (max.)	178 watts	280 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 67 x 63 x 188 cm	w x d x h = 74 x 75 x 188 cm
Interior dimensions	w x d x h =* 53 x 45 x 128 cm	w x d x h =* 60 x 57 x 128 cm
Exterior dimensions with door open at 90°	w x d = 67 x 121 cm	w x d = 74 x 139 cm
Shelfsize	w x d = 52 x 39 cm	w x d = 59 x 50 cm
Drawer inner dimensions	w x d x h = 50 x 32 x 5.6 cm	w x d x h = 57 x 43 x 5.6 cm
Max. load drawer/shelf	16 kg/40 kg	40 kg
Weight	Net weight 93 kg, gross weight 105 kg	Net weight 112 kg, gross weight 125 kg

\*usable depth 5 cm less.

### Optional equipment

- **Glass door.**
- **Decorative door frame** for attaching the customer’s decorative plates.
- **Door fitting** (two pieces required).
- **Equipped with castors.**
- **60 Hz cooling machine upon request**
- **Drawer on roller runners**  
LABEX® 340 ULTIMATE: w x d x h = 50 x 32 x 5.6 cm.  
LABEX® 468 ULTIMATE: w x d x h = 57 x 43 x 5.6 cm. (a maximum of eleven drawers is possible).
- **Additional length and cross dividers** (for drawer).
- **Additional shelf** on rails or overlays.
- **Basket on rails**  
LABEX® 468 ULTIMATE: w x d x h = 60 x 45 x 10 cm.
- **Aluminium tray** with rails  
LABEX® 340 ULTIMATE: w x d x h = 58.4 x 43 x 2.5 cm.  
LABEX® 468 ULTIMATE: w x d x h = 60 x 45 x 2.5 cm.
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation.**
  - Temperature sensor PT 100 or PT 1000, **with safety barriers** and reference body (measuring bottle or cold block) is installed.
  - 4-pin PT 100 or PT 1000 temperature sensor, class 1/3 B, including built-in reference body.
  - Mechanical pen-recording thermometer with two waxed paper strips.