

Protective gas heating oven with lifting door

VTU 75/100-G-200°C



APPLICATION

Cross-linking of contact lenses
under protective gas atmosphere.

BRANCH

Optics

Protective gas heating oven with lifting door

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Technical Data

- Nominal temperature: 200°C
- Temperature distribution: $\pm 2K$
- Heat output: 18 kW
- Inner dimensions:
 - Width 30 in (750 mm)
 - Height 39 in (1000 mm)
 - Depth 30 in (750 mm)
- Outer dimensions:
 - Width 48 in (1230 mm)
 - Height 136 in (3450 mm)
 - Depth 47 in (1200 mm)
- Circulating air flow: 40 m³/min
- Air direction: horizontal
- Exhaust air flow: 15 m³/min

System Description

- Electrically driven lifting door
- Design for installation in hygienic area
- Automatic control of protective gas flow with oxygen measuring device.
Guaranteed residual oxygen concentration <1%
- Exhaust air fan with electric sealing flaps on fresh and exhaust air
- SIMPAC-control with 7" Touch-Panel
- Sensor for inner pressure
- Shutter wall
- Circulating air fan controllable via frequency converter



Possible Applications

Automated tempering processes under protective gas atmosphere.

Special Features

- Protective gas control via oxygen measuring ensures <1% oxygen content
- Switchable to fast cooling with fresh air
- Automatic lifting door for charging by handling system
- Oven also available with 480V 60Hz and UL-certification
- Excellent spacial temperature distribution $\pm 2K$

Stand the test of time.