

NEW!

CARBOLITE[®]
IGERO 30-3000 °C

RHZS – Rotating Tube Furnace

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**With
easily
removable
work tube**

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The new CARBOLITE IGERO horizontal rotating tube furnace (RHZS 12/86/900) allows for the work tube to be easily removed and replaced.

This new 3 zone split tube furnace has a maximum operating temperature of 1150°C and is based on the reliable CARBOLITE IGERO HZS 12/900. The three heating zones have an overall heating length of 900 mm and the furnace frame can be easily adjusted between horizontal and approximately 10° of incline.

The work tube, with an inner diameter of up to 90 mm, is easily removed and replaced by opening the split tube furnace and pulling to one side the RETSCH DR 100 vibratory feeder and the 5 litre collection hopper. A safety switch automatically stops the tube from rotating and the furnace from heating when the furnace is opened.

Standard features

- 1150°C maximum operating temperature
- 3-zone temperature control
- Accepts work tubes with outer diameters up to 110 mm
- Retsch vibratory feeder & hopper
- Variable tilt and rotation speeds gives great flexibility of residence time
- Heated length of 900 mm
- Wire elements in high quality vacuum formed insulation ensure fast heat up, excellent temperature uniformity and short cool down times
- Inert gas packages available on request

Specification summary

| Model | Max temp (°C) | Dimensions: External H x W x D (mm) | Zones | Heated length (mm) | Worktube length (mm) | Material Feeder | Max power (kW) |
|----------------|---------------|-------------------------------------|-------|--------------------|----------------------|-----------------|----------------|
| RHZS 12/86/900 | 1150 | 1500 x 550 x 2200 | 3 | 900 | 1500 | RETSCH DR 100 | 4.5 |

