Romer 200°C Powder Coating Oven with Loading Trolley



Stock No	NEW301
Manufacturer	Romer
Model	SL-015121712
Year of Manufacture	2026
Condition	Brand New, Unused, Current Model
Internal Size (WxDxH mm)	1200 x 1200 x 1700mm
Max Temp	200°C
Other Info	Includes floor rails and loading trolley
Location	Poland
External Dimensions (WxDxH mm)	1680 x 1460 x 2850mm

Description

This 200°C industrial oven with loading trolley provides reliable, consistent curing and drying, with a 1200 × 1200 × 1700mm chamber, vertical forced air circulation and adjustable side wall inlets for even heat distribution. Brand new and available now direct from the OEM, without the usual manufacturing lead time.

The oven features a 30kW electric heating system capable of reaching temperatures up to 200°C, with a heavily insulated chamber helping to retain heat and support efficient operation. A floor mounted rail system and included loading trolley provide straightforward loading and unloading, while the double-wing doors and controlled air exchange system contribute

to safe operation.

Advanced iCure PLC control with a 7" touchscreen HMI provides programmable management of temperatures, ramps, dwell times and heating cycles. The integrated MTS multi-sensor system supports accurate temperature measurement across the chamber, while built in safety and monitoring functions provide additional control during operation.

Brand New Machinery Available With No Lead Time

In partnership with powder coating specialists Romer, you can secure brand new machinery for rapid delivery. Already built and ready to deliver this exclusive opportunity gives you access to new equipment without the usual manufacturing lead times. Limited stock available on a first-come-first serve basis – act now.

Benefits and Features

- Vertical forced air circulation with roof mounted fan/s for easy maintenance.
- Temperature calibration and uniform heat distribution is achieved by adjustable circulation inlets in the chamber side walls.
- Double wing loading doors with adjustable, explosion proof, slam shut positive door locks can be opened from inside the oven as a safety feature.
- Control gas and fume built up with a controlled safe air exchange system, capable of 30 m³/h.
- Programmable chimney automatically opened by an electric actuator.
- Passive air ventilation and cooling (vents open to allow passive cooling).
- Load/unload trolley & guide rails included.
- Constructed from 240mm insulation walls and 400mm insulation ceiling
- Galvanized steel chamber
- Modular electric heating panel - Reliable ceiling mounted panel for direct chamber heating.
- Flexible heat resistant door seals.
- CE conformity.

Controls

The oven is equipped with an **iCure PLC control system and 7" colour touchscreen HMI**, providing straightforward control over all key operating parameters. The **MTS multi-sensor temperature measurement system** uses multiple sensors positioned throughout the chamber to provide more accurate temperature monitoring and help maintain consistent conditions across the load.

Up to **20 programmes** can be stored, with each programme allowing up to 10 consecutive triggers to control ramps, dwell periods, operating times and temperatures. Built-in over-temperature protection, power-loss recovery and an internal real-time clock support safe, reliable operation.

Key Control Features Include:

- **7" iCure touchscreen HMI** – Clear, intuitive control of oven operation and programmable cycles
- **MTS multi-sensor system** – More accurate temperature measurement throughout the chamber
- **20 programmable programmes** – Store and recall frequently used heating cycles

- **Two channel temperature recorder** – Supports detailed temperature monitoring
- **Energy monitoring** – On-board recording of energy consumption
- **Diagnostics & monitorin**g – Installation diagnostics, operating hours and cycle counter
- **Data management** – USB data export and iCure PC analysis software
- **Connectivity** – ModBus MASTER/SLAVE RS485 compatibility
- **Remote support** – Remote diagnostics and software updates via internet connection
- **Safety protection** – Built-in over-temperature protection and safeguards following power interruption

A side mounted control panel incorporates an audible status sounder and LED signalling tower for clear operational feedback, while the system provides additional protection against incorrect operation following a sudden power loss.

Specification

- Max temperature - 200°C
- Internal chamber size - 1200 x 1200 x 1700mm
- Internal chamber height without rails - 1800mm
- External size - 1680 x 1460 x 2850mm
- Leg height - 100mm
- Total chamber volume - 3.2m³
- Maximum total load - 240kg
- Wall thickness: from 240mm on walls to 400mm on thec eiling
- Finish: Galvanized sheet
- Floor rails for loading trolley
- Forced air circulation - vertical
- Number of motors - 1x 1.1kW
- Temperature calibration performed using adjustable openings on the side walls
- Total heating power - 30kW
- Heating method - Electric heating panel
- Maximum temperature - 200°C
- Heating time to 180°C (fullload) - 80 min
- Heating time to 180°C (empty) - 43 min
- Controlled air exchange reduces heat losses and shortens furnace heating time
- Efficient air exchange: (Qmin) - 30 m³/h

Romer - Experienced Oven Manufacturer

The outstanding feature of Romer ovens is the *quality* of manufacturing. Everyone who stands in front of a Romer, from buyers to calibration engineers, have commented how *well constructed* they are.

Image: Romer Industrial Ovens

Romer have been manufacturing ovens and powder coating machines from their base in central Poland for over *25 years* and export to 40 countries worldwide. Their 8,000m² facility employs over 150 staff and has passed Riley Surface World's inspection and auditing requirements.

Riley Surface World and Romer have *secured a partnership* to service the UK market with large (over 1m³) ovens up to

200°C. These ovens are perfect for curing powder *coating* but the range of applications is large.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.