

FINGERPRINT DEVELOPMENT CHAMBER

CARON's Fingerprint Development Chamber has been designed to accelerate the DFO, Ninhydrin, and other fingerprint development processes. Fingerprints are detected at a faster rate and with better clarity by precisely controlling conditions of high temperature and high relative humidity.

The chamber features rapid condition recovery after the chamber door is opened and closed. The large viewing area offers easy observation of critical samples. The chamber interior is made of seam-welded aluminum coated with high quality, corrosion-resistant epoxy paint.



STANDARD FEATURES

- The wide temperature and humidity range allows fingerprints to be processed in just a matter of minutes – not days like some conventional methods.
- Microprocessor based PID controllers maintain excellent stability and provide reliable and repeatable results.
- The gentle, forced, vertical airflow provides uniform environmental conditions, eliminates condensation, and keeps evidence moisture free.
- A steam generator adds heat while humidifying, providing for quick ramp-up and rapid condition recovery after door openings.
- The digital temperature and humidity display provides clear and accurate settings.
- The icon-based control panel is easy to understand and requires minimal operating documentation.
- Dual display of temperature and humidity allows the user to visualize instantaneous setpoint and operating conditions.
- The vertical LED light strip in the door provides a large illumination area to watch fingerprints being developed.

STANDARD FEATURES continued

- The triple pane, heated glass door minimizes condensation.
- A low water level warning light notifies the operator when to add water.
- Digital countdown timer displays time remaining in test procedure.
- Slide-out shelves allow for quick and easy loading and unloading of samples.
- Unit comes complete with a key lockable door and two rods and four clips for hanging evidence.

SPECIFICATIONS

MODEL	6105-2	6105-3
Temperature Range	40°C to 100°C	
Temperature Control	± 0.5°C	
Relative Humidity	40 to 80% RH (up to 80°C)	
Humidity Control	± 3%	
Interior Dimensions	24" W x 16" D x 22" H (61cm x 41cm x 56cm)	
Exterior Dimensions	29" W x 25" D x 37" H (74cm x 64cm x 94cm)	
Work Space	5 ft ³ (140 liters)	
Work Area	5 ft ² (up to 11 ft ² with (3) additional shelves)	
Electrical	208/230V, 60 Hz, 15A	230V, 50 Hz, 15A
Shipping Weight	350 lbs.	450 lbs.

Specifications are subject to change without notice.

OPTIONAL ACCESSORIES

STOCK NO. DESCRIPTION

BOTL101 Carboy, water fill bottle with cap, 4 liters (1 gal.)
Universal holder mounts on side or top of unit.
Includes tubing and fittings.

CRSY102 Universal Condensate Recirculating System for
use where a floor drain or in-house supply of
distilled or deionized water is unavailable.

SHLF110 Perforated shelf (14" x 21.5" each) and shelf
tracks for 6105 chambers (painted white).