

# FINGERPRINT DEVELOPMENT CHAMBERS 6105 SERIES



## MODELS 6105-2 & 6105-3



CARON's Fingerprint Development Chambers have 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.

As with all CARON manufactured products, the 6105 series chambers are fully covered by our 12-month parts and labor warranty.

## 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.



## STANDARD FEATURES continued

- The vertical LED light strip in the door provides a large illumination area to watch fingerprints being developed.
- 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.

## SPECIFICATIONS

| MODEL               | 6105-2   | 6105-3           |
|---------------------|--|------------------|
| Temperature Range   | 40°C to 100°C                                    |                  |
| Temperature Control | ± 0.5°C  |                  |
| Relative Humidity   | 40 to 80% RH (of specified temp range)           |                  |
| Humidity Control    | ± 3%   |                  |
| Interior Dimensions | 24" W x 18" D x 22" H (61.0cm x 45.7cm x 55.9cm) |                  |
| Exterior Dimensions | 29" W x 26" D x 37" H (73.7cm x 66.0cm x 94.0cm) |                  |
| Work Space          | 5 ft <sup>3</sup> (141.6 liters)                 |                  |
| Shelf Work Area     | 4.5 ft <sup>3</sup> (shelf plus bottom)          |                  |
| 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  |
|-----------|--|
| BTL101    | Carboy, water fill bottle with cap, 4 liters (1 gal.). Universal holder mounts on side or top of unit. Includes tubing and fittings. |
| FIL400    | In-line RO water filtration system to prevent mineral deposits and scale build-up. Connects directly to tap water supply.            |
| SHV110    | Perforated shelf and shelf tracks for 6105 chambers (painted white).   |
| CRS101    | Condensate Recirculating System for use where a floor drain or in-house supply of distilled or deionized water is unavailable.       |

