

A must-have for all professional chefs with big plans for sous vide cooking. Recommended for caterers, public caterers, and butchers.

*Diamond XL* is delivered fully assembled on a robust stainless steel bridge with an insulated bath tank (for 58-liter filling volume), stainless steel bath lid, and drain tap. This system is highly stable and robust with handles for easy transport.

*Diamond* has all of the features that make *Pearl* so special plus additional innovative functions like pre-programmed memory keys for meat, fish, and vegetables, straightforward HACCP data logging, and calibration functions.

When used in conjunction with the core temperature sensor, *Diamond* emits an alarm to indicate that your selected core temperature has been reached. The Easy **fusionchef** software gives you the ability to control, visualize, and log HACCP-relevant data for up to 24 *Diamond* units simultaneously.

The timers can be started separately from each other so you always stay in control, even during hectic situations. The timer that will expire next is shown continuously. A visual and acoustic signal informs the chef when the desired time has passed. The timer then goes into the minus range so you always know the total time that the food has been cooking.

Each of the pre-programmed memory keys (fish, meat, and vegetables) is set by default to five practical temperature values. Of course, you can edit these values at any time. It doesn't get any easier than that!

*Diamond* has extensive functionality that makes it an excellent addition to any professional kitchen.

As a closed unit, it greatly reduces evaporation of water, especially when cooking for long periods. As a result, safety shutdowns caused by a low water level are effectively avoided. When it's time for cleanup, simply put the water bath and bath lid into a dishwasher.

We recommend cooking no more than half of the bath volume of food(s) in kg. This is necessary to facilitate sufficient water circulation to guarantee a consistent temperature inside the bath.

**XL bath** (58 liters): up to about 27 kg



## At a glance

- Temperature stability of  $\pm 0.01$  °C
- Splash-proof operating keypad
- Bright VFD temperature display
- Hygienic anti-fingerprint stainless hood
- Low-level water alarm
- Three timers
- Pre-programmed temperature memory keys (fish, meat, vegetables)
- Core temperature alarm (acoustic and visual)
- Straightforward HACCP-compliant data storage
- Guided-user auto calibration
- Simultaneous display of target and actual temperatures, core temperature and timer
- PC control and recording
- High-capacity pump (14l/min)
- Stainless steel protection grid (included)
- Vapor barrier protection
- Stainless steel bridge
- Insulated bath tank
- Bath lid constructed of stainless steel
- Drain tap
- Robust handles

## Technical data

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Designation                     | Diamond XL                        |
| Order number                    | 9FT2B58                           |
| Temperature range               | 20.00 °C to 95.00 °C              |
| Temperature stability           | ±0.01 °C                          |
| Temperature setting             | Folientastatur                    |
| Temperature display             | VFD-Display                       |
| Computer interface              | RS232                             |
| Core temperature sensor         | Pt100                             |
| Mains connection                | 230 V / 50-60 Hz                  |
| Current consumption             | 9.2 A                             |
| Heating capacity                | 2.0 kW                            |
| Flow rate at 0 bar              | 14 l/m                            |
| Pressure at 0 liter             | 0.3 bar                           |
| Voltage options                 | 115 V / 60 Hz<br>230 V / 50-60 Hz |
| External dimensions (WxDxH)     | 537 x 697 x 424 mm                |
| Weight                          | 22.5 kg                           |
| Standards                       | CE<br>RoHs                        |
| Low-level protection            | Schwimmerschalter                 |
| Alarm notification              | Akustisch<br>Optisch              |
| Permissible ambient temperature | 5.00 °C to 40.00 °C               |

