

HPLC COLUMN OVENS

For Mounting 2 column of 300mm length with Complete Micro Controller / PID Controller with Special features, which can be adjusted by end user through front panel feather touch Keys



MODEL : HCO-02

Technical Specification

- Temperature Range:- + 5° above ambient to 100°C
- Accuracy :- +/- 0.1°C
- Control Action :- Complete PID controller with low & high temp calibration facility, PID parameter & Temp Overshoot facility (Settable)
- Oven Heating type: Block Heater Type
- Stabilization time: 15 min.
- Sensor Fail/Break : No power to oven heater & 'SO' indication on front display
- Control Output : 3 Amp SSR Output, 230 V, resistive load
- Status Indication : By 2 LEDs (Heater ON, Alarm Buzzer ON)
- Key Board : Feather touch keys
- Programme memory : Non-Volatile memory for set temp. & other parameters
- Power Supply : 230 V AC +/- 10%, 50 Hz, 120VA
- Oven Accomodate : 30 cm long colum or small colums with guard colum
- Oven Mounting : Vertical or Horizontal
- Size (for HCO-02) : 105 x 118 x 425 mm
- Weight : 8 kg (Approx)

For Mounting 3 column of 300mm length with Complete Micro Controller / PID Controller with Special features, which can be adjusted by end user through front panel feather touch Keys



MODEL : HCO-04

Technical Specification

- Temperature Range:- + 5° above ambient to 100°C
- Accuracy :- +/- 0.1°C
- Control Action :- Complete PID controller with low & high temp calibration facility, PID parameter & Temp Overshoot facility (Settable)
- Oven Heating type: forced air circulation
- Stabilization time: 15 min.
- Sensor Fail/Break : No power to oven heater & 'SO' indication on front display
- Control Output : 3 Amp SSR Output, 230 V, resistive load
- Status Indication : By 2 LEDs (Heater ON, Alarm Buzzer ON)
- Key Board : Feather touch keys
- Programme memory : Non-Volatile memory for set temp. & other parameters
- Power Supply : 230 V AC +/- 10%, 50 Hz, 120VA
- Oven Accomodate : 30 cm long column or small column with guard column
- Oven Mounting : Vertical or Horizontal
- Size (for HCO-04) : 165 x 310 x 508 mm
- Weight : 9 kg (Approx)

Salient Features

- Precise Temperature Control
- Digital display of set & actual temperature
- Insures reproducible analysis
- Accepts varieties of column sizes
- Assures safe, accurate control action

Model Selection

- HCO-02 : Inbuild temperature controller & oven
- HCO-04 : Force air circulation heating type oven

Consist of

- Micro controller based / PID temperature controller
- Oven module