

CO - 3412

Column Oven



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Analytical Technologies Limited

An ISO 9001 Certified Company

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►► CO 3412 COLUMN OVEN

The CO 3412 Column Oven is a contact heat transfer oven for high temperature stability and accuracy. The columns are mounted inside the column oven in optimized column holder which enclose the complete column to get the best temperature transfer between heater and the column. Up to three 350 mm columns can be mounted at the same time.

Heating

The CO 3412 Column Oven standard version features a high temperature controller for stable feature a high temperatures of +30°C up to +150°C. The temperature accuracy is within 0.1 °C.

Heating/Cooling

The CO 3412 Column Oven is also available with active Heating/Cooling with peltier technique. The temperature range is +5°C up +100°C. The Heating/Cooling unit the same efficient controller as the basic version with temperature accuracy better than 0.1 °C.

Temperature Time Program

The Heating/Cooling variant offers an optional temperature time program for stand-alone operation.

Integrated Valve

The CO 3412 Column Oven offers the option to include an automatic switching valve of the CO 600valve series.

Leakage Sensor

The CO 3412 Column Oven offers high sensitive leakage sensor which detect the vapors of organic solvents.

Temperature Fuse

Beside a leakage sensor the CO 3412 offers a temperature fuse which shuts down the unit when the temperature becomes too high, because of an electronic defect.

OEM Option

The CO 3412 Column Oven itself is available as a complete OEM instrument.

►► Technical Specifications

Wetted Materials:	Stainless Steel/PEEK ¹ , PPS ¹
Temperature Range:	+30°C -+ 150°C (min: ambient +5°C) optional +5°C + 100°C
Temperature Accuracy:	<0.1 °C
Switching Valve:	Optional any CO 600 Series valve
Temperature Program:	Optional with Heating/Cooling
Safety Features:	Temperature Fuse; Leakage sensor
Dimensions (W x H X D):	183 x 566 x 270 mm
Power Supply:	100 - 250 -V (47 - 63 Hz)

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

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URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



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