

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана (7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04

Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15

Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес: oci@nt-rt.ru **Веб-сайт:** www.oi.nt-rt.ru

Пробоотборник 4100 OI Analytical

Improve sample processing reliability and analytical performance with the Model 4100 Water/Soil Sample Processor. This automated instrument is efficiently built to process up to 100 drinking water, wastewater, or soil samples.



Say goodbye to handling and processing samples for purge-and-trap analysis of volatile organic compounds (VOCs). The 4100 Sample Processor is designed to operate with (single or dual) Eclipse 4760 purge-and-trap sample concentrators. You can trust the VOA Constrictor™ vial gripper technology to carefully handle samples, while high-speed injection valves improve the precision of standard addition, reduces the volume of standards used, and decreases laboratory operating costs.

Model 4100 Features:

Holds 100 samples in two 50-position vial racks

Operates with one or two Eclipse 4760 purge-and-trap instruments

Vial cooling option keeps vials at 10 °C or less in accordance with USEPA Method 524.3

VOA Constrictor™ vial gripper has built-in vial sensor

Standard Addition Module has two 3-mL reservoirs, expendable to four 3-mL reservoirs

High-speed injection valves in Standard Addition Module inject programmed volume with no excess or waste

VOA View Windows®-based software offers an intuitive user interface with a real-time view of sampling progress

Purge-and-Trap Compatibility

Operates with one or two Eclipse 4660 instruments

Sample Capacity

100 standard USEPA 40-mL VOA Vials

Sample Loop

5mL standard loop, 10 or 25 mL loops optional

Automated Standard Addition	(2) 3mL reservoirs standard, expansion to (4) optional
Sampling Mode – Water	Aspiration and transfer to purge-and-trap instrument sparge vessel
Sampling Mode – Soil	In-vial needle sparging and transfer to trap of purgeand-trap instrumen
Sample Transfer Pathway – Water Samples	Silcosteel® 316L stainless steel and PEEK®
Sample Transfer Pathway – Soil Samples	Silcosteel® 316L stainless steel and PEEK®
Blank Water Transfer	PFA–Teflon®
Vial Trays	(2) 50-position VOA vial trays
Vial Gripper Mechanism	Pneumatically actuated cylindrical gripper with vial sensing
Vial Cooling Option	Cooling base for two 50-position vial trays with quickdisconnect fittings recirculating chiller
X/Y-Axis Mechanism	Digitally controlled linear drive rails
Z-Axis Mechanism	Pneumatically actuated
Operating Software	VOA View Windows®-based GUI
Operating System	Windows® 7or Windows® 8 and 8.1
PC to 4100 Communications	USB port for each 4100 instrument connected to PC
Water Supply	Clean, VOC-free water for rinsing sample pathway
Gas Requirements - Sample Transfer	99.999% (UHP Grade) He or N ₂
Gas Requirements - Gripper / Z-axis Actuator	Nitrogen
Power Requirements	110VAC / 60HZ or 230VAC / 50Hz

Dimensions

27 in. W x 24 in. D x 21.5 in. H
68.6 cm W x 61 cm D x 54.6 cm H

Weight

36 Kg (80 lbs) , typical depending on options

Certifications

CE Safety and EMC EN50082-1/EN55011 Group 1 Class A

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана (7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04

Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15

Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес: oci@nt-rt.ru **Веб-сайт:** www.oi.nt-rt.ru