



Organic Synthesis

Products for Simple and Sophisticated Workflows

Find essential equipment for your organic chemistry workflow, including rotary evaporators, chromatography systems, freeze dryers, and melting point instruments.

Convenient, Intelligent Laboratory Evaporation

BUCHI Rotary Evaporators are complete, integrated systems centered around quality and convenience. They can concentrate reaction mixtures or extracts before purification and remove solvents from chromatography fractions.



Cat. No.	Model	Condenser	Bath	Interface	Vacuum Pump	Chiller
05-405-002	Scholar	Cold Trap	4 L Flask, 95°C	–	–	–
05-405-003	Scholar	Chilled Coil	4 L Flask, 95°C	–	–	–
05-405-106	R-100	Cold Trap	4 L Flask, 95°C	–	–	–
05-405-112	R-100	Chilled Coil	4 L Flask, 95°C	–	–	–
05-000-947	R-300	Cold Trap	5 L Flask, 220°C	–	–	–
05-000-977	R-300	Chilled Coil	5 L Flask, 220°C	–	–	–
05-405-196	R-300	Cold Trap	5 L Flask, 220°C	I-300 Pro	–	–
05-405-204	R-300	Chilled Coil	5 L Flask, 220°C	I-300 Pro	V-300	–
05-001-074	R-300	Chilled Coil	5 L Flask, 220°C	I-300 Pro	V-300	F-305

Smart Purification in a Small Footprint

BUCHI Pure Chromatography Systems fit your needs and environment. With sample and user safety in mind, these systems can quickly isolate basic and complex chemical mixtures, synthetic compounds, natural products, and peptides on a milligram to kilogram scale.



Cat. No.	Model	Type	Detector
11C80500ACA	Pure Scholar	Flash	UV
05-405-103	Pure C-805	Flash	UV
10-987-136	Pure C-810	Flash	UV DAD
10-987-137	Pure C-815	Flash	UV DAD/ELSD
10-987-138	Pure C-830	Prep HPLC	UV DAD
10-987-140	Pure C-835	Flash/Prep HPLC	UV DAD/ELSD

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Optimize Backpressure and Performance

BUCHI FlashPure EcoFlex Chromatography Cartridges are an economical addition to your organic synthesis workflow. They are silica based, well suited for a range of applications and compounds, and come in a variety of sizes.

Cat. No.	Solid Phase	Size	Quantity
05-410-003	Silica	4 g	20/Pack
05-410-004	Silica	12 g	18/Pack
05-410-005	Silica	25 g	12/Pack
05-410-006	Silica	40 g	12/Pack
05-410-026	C18	80 g	2/Pack
05-410-027	C18	120 g	2/Pack
05-410-028	C18	220 g	1/Pack
05-410-029	C18	330 g	1/Pack



Automation and Control

BUCHI Lyovapor™ Freeze Dryers offer unparalleled automation in sublimation. Easily create and run methods, log data, record charts in real time, and interact from anywhere with mobile devices.

Cat. No.	Capacity	Drying Method	Pump	Trolley
05-405-430	6 kg	12-Position Manifold	–	–
05-403-001	6 kg	12-Position Manifold	–	Yes
05-405-431	6 kg	12-Position Manifold	Pfieffer Duo 6	–
05-405-432	6 kg	12-Position Manifold	Pfieffer Duo 6	Yes
05-405-433	6 kg	12-Position Manifold	Edwards nXDS6iC	–
05-405-434	6 kg	4 Shelves	Edwards nXDS6iC	–
05-405-435	6 kg	4 Heated Shelves	Pfieffer Duo 6	–

Fast and Accurate Results

Perform quality and final analysis easily and quickly with BUCHI melting and boiling point instruments. Help ensure accuracy with intuitive, menu-guided calibrations, then confidently verify the calibrations against included certified standard compounds.



Cat. No.	Description
10-987-113	Manual Melting Point Apparatus
05-422-993	Automatic Melting Point Instrument, Includes Instrument, Sample Loader, Calibration Set, Tubes, Boiling Capillary, Sample Holder, Cleaning Tool, CD Demo, Protective Cover, USB Cable
10-987-132	Automatic Melting Point Instrument, Includes Instrument, Calibration Set, Tubes, Sample Holder
10-987-133	Automatic Melting Point Instrument, Includes Instrument, Sample Loader, Software Monitor, Calibration Set, Tubes

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