OligoMaker - OM-X192



Up to 192 primers in one run

Instrument

02.01.2025

Subject	Description
Capacity	From 1 to 192 primers in parallel in one run – all +150-mer
Scale of synthesis	10, 50nmol, 0,2, 1 and 3µmol scale
Support material	CPG and Universal support in standard columns or 96-well plate
Standard equipment for amidites	4 x 180-ml bottles + 2 x 10-ml
Up to 8 Extra amidite positions	10-ml bottles
Standard 2 activator positions	Activating in parallel – 1L
Standard 1 wash position	Washing – 1L
Standard 1 deblocking positions	Deblocking –1L
Standard 1 Ox position	Oxidizer - 1L
Standard Cap A and Cap B Positions	Simultaneously capping with Cap A and Cap B - 2 x 1L
Vacuum pump KNF type N840	Included
Injection	Direct injection from the valves
Trityl monitoring	Trityl observation is possible after each cycle, coupling yield 99,0-99,5%
Automatic Wash and Purge System	Automatically wash and purge all valves and nuzzles after synthesis
Pressure on reagents	Each bottle can be pressurized and depressurized individually
Only one gas connection	One gas for making pressure in the bottles and purging during synthesis
Instrument	40 x 22 x 24 inch US (W x D x H)
Cleaning	Design with large flat surfaces, easy to keep clean
Maintenance	Replacing valves and tubing within a few minutes
Shipment	In a wooden box 1200 x 800 x 500 mm (L x W x H)) – EU standard pallet
Spare parts	Spare parts are in stock
Power	115V or 220V
Safety	Accidentally overflowing is directed to waste container
	Safety guard rails are placed inside the synthesizer
QC	All instruments go through a strict quality control process in our laboratory
Certification	CE marking
Service	ON-call service

Software

Subject	Description
Touch screen	10" touch screen
Wi-Fi	Instrument can be operated as stand-alone
Program	User-friendly and flexible
IUPAC codes	Mixed bases are available (wobbles)
Chemical consumption	Automatically calculation of the single reagent consumption
Coupling time	Adjustable

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