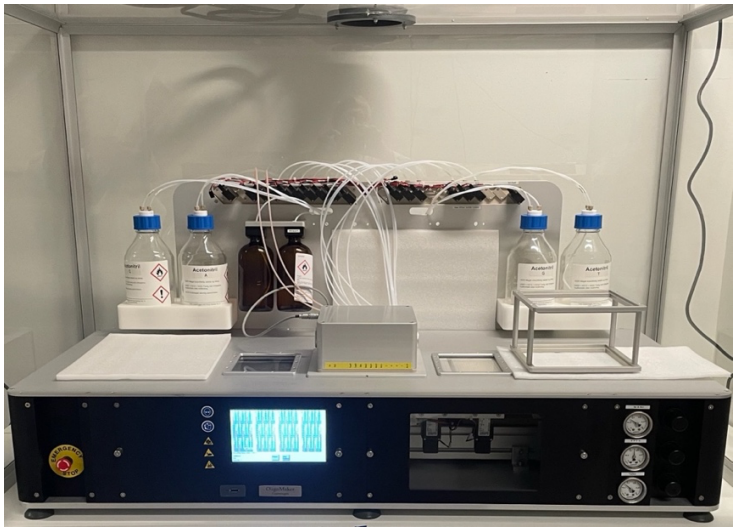
# OligoMaker 768



# Up to 768 primers in one run

## Instrument

07.11.2024

| Subject | Description |
|---|---|
| Capacity | 1 - 2 x 384-well plates – up to 768 primers in one run |
| Scale of synthesis | 5, 10, 25 and 50 nmol scale |
| Support material | Universal support |
| Standard Phosphoramidite positions | 4 x 0,5L or 1L bottles |
| Standard 2 activator positions | Activating in parallel – 2,5L or 4L |
| Standard 2 wash positions | Washing in parallel – 2,5L or 4L |
| Standard 2 deblocking position | Deblocking in parallel – 2,5L or 4L |
| Standard 2 Ox position | Oxidizer – 2,5L or 4L |
| Standard Cap A and Cap B Position | Simultaneously capping with Cap A and Cap B – 2 x 4L |
| Option DEA position | Deprotection – 450-ml |
| 2 Free position | Custom specified |
| Vacuum pump KNF type N840 | Included |
| Automatic Wash and Purge System | Automatically wash and purge all valves and nuzzles after synthesis |
| Trityl monitoring | Trityl observation is possible after each cycle, coupling yield 99,0-99,5% |
| 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 | 30,4 x 23,2 x 23,6inch US (L x W x H) |
| Cleaning | Design with large flat surfaces, easy to keep clean |
| Shipment | In a wooden box 47,2 x 31,5 x 33,5inch (L x W x H) – EU standard pallet |
| Maintenance | Replacing valves and tubing within a few minutes |
| Spare parts | Spare parts are in stock |
| Power | 115V or 220V |
| Safety | Accidentally overflowing is directed to waste container<br>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 |
| Operation | Instrument is operating as stand-alone |
| Program | User-friendly and flexible |
| IUPAC codes | Mixed bases are available |
| Chemical consumption | Adjustable |
| Coupling time | Adjustable |

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