

MICRO-CENVAC (NB-503CIR)

Most Compact Vacuum Centrifugal Concentrator in its class. Special Infrared Glass Lid spread Heat & IR to accelerate evaporation of liquid faster in vacuumed chamber. This compact equipment is ideal in molecular biology(especially DNA), proteomics, genomics, genetics, cell biology and drug discovery labs.



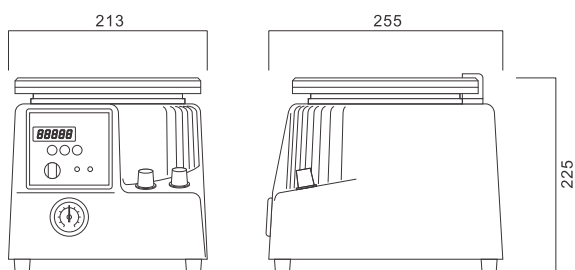
Special Lid Heater with IR radiation.
With Infrared radiation, the Lid directly heat to Sample which helps evaporation even faster.



Real Scope(Standard)
Easy view of sample volume while it is spinning fast. It looks like sample tube is not spinning.



Built in Diaphragm vacuum pump
High performance pump (NB-503CIR: MAX 100 mbar
Connectable with other booster pump for higher vacuum rate.



Vacuum port
Vacuuming port (Exhalation hole) is on center of shaft for low contamination.

Accessories



RO-1.5/24



RO-30/08



RO-15/12



RO-10/16



Real Scope

Features

- **Compact but, All built-in**
Despite smallest footprint, vacuum pump and glass trap are all built-in.
- **Fast Evaporation Time**
With using special infrared lid heater, liquid in sample is heated faster even in vacuumed chamber.
- **Stable Spinning and Quiet Operation**
Using Brush Less DC motor, the spinning sample is conducted stably and quiet.
- **Easy Sample Check**
Real Scope allows user to view sample or its volume remaining in tubes without stopping spin.
- **Teflon-Coated chamber & Diaphragm pump**
Minimize corrosion by acid solvent and the pump is oil-free
- **Selectable RPM**
Selectable a RPM mode among 1700 or 2500 or 5000 RPM even while it's spinning
- **LED Display**
Shows Temperature & Timer count.
- **CE Marked & ROHS compliance**
- **Cold Trap(Optional)**
2Liter capacity cold trap or Peltier Trap(-20°C) for small Glass Trap available with Micro Cenvac.



Specification

Items	Unit	NB-503CIR
Temperature		
range	°C	35°C to 65°C
control		Microprocessor digital PID
increment	°C	0.1°C
standby		Pre-heat
Operating panel		Touch button
Heat mode		IR, IR & Heat, Heat
Display		LED Display
Timer		99Hour 59Min
Capacity	ml,ea	1.5mlx24ea, 10mlx16ea, 0.5mlx50ea, 15mlx12ea, 30mlx8ea
Speed		
range	rpm	1700, 2500 and 5000rpm
control		Selector
Vacuum		
pump	mbar	Diaphragm Vacuum Pump (PTFE Coating)
ultimate		100mbars/abs
oper. pressure		1.5bar/g
atm. pressure		6.5lit/min
Dimensions	mm	213(W)x255(D)x225(H)mm
Power	V/Hz	110/220V, 50/60Hz, 210W
Weight	kg	9.5kg