Micro ultra floor model Centrifuge

Specifications

Type : Compact Floor Model
Max. speed : Up to 150,000 rpm
Max. RCF : 1,047,680 x g Or more
Accel/decel. Profiles : 7/7 or more
Speed control accuracy : ± 50 rpm
Program memory : 18, each with up to 7 steps or more
Refrigeration system : Solid-state thermoelectric cooling
Set temperature range : 0 - 40 °C in 1 °C increments
Ambient Temperature
Operating Range : 5 – 35 °C
Noise level (measured 1M from instrument) : <46 dBA
Regulatory Compliance cCSAus, CE Mark, IEC61010-2-020, EN61326-1 2006 is preferred.

micro-ultracentrifuges should achieve best in class sample separation performance and processing
capacity, combining high speeds and RCFs with fast accel/decel rates.

Should accommodate tubes from 0.2 mL to 30 mL with a choice of fixed angle, swinging bucket
or vertical rotors.

Eye level balancing of tubes is preferred.

Should be ideal for working with Virus (i.e. SRSV, rotavirus), Cellular organelles (i.e., ribosomes, mitochondria), Lipoproteins, Nanoparticles,, Nucleic Acids.

Unit with LCD touchscreen along with graphical interface for easy operation [read, select and navigate etc] & selecting functions is preferred.

The system should provide individual rotor runs &.total run hours,operating histories (atleast last 50 runs along with the parameters),rotor specifications,multi user environment with password protection,option delayed start/stop,provision for step runs,pulse runs and selecting RPM or RCF mode.Provision for USB port for taking data out from the unit should be there.

Self locking rotor mechanism along with imbalance tolrent drive is preferred

The unit should be GMP/GLP complaint.

Accessories should be supplies along with the Equipment:

Please mention the rotors of your choice (tube volume and places along with rpm range,g force range required).