HIGH-SPEED BENCH-TOP LAB CENTRIFUGE

JIDI-20B High-Speed Centrifuge

A 7-inch touch-screen "smart system" and precision alloy drive head deliver ultra-quiet, ultra-reliable separation for demanding lab environments.

Advanced Control System

- Patented triangular rod motor fixing, three-stage shock absorption
- Ultra-precision alloy drive head and shaft, ultra-quiet operation
- Preset centrifugal force or speed to suit any protocol
- Free-programmable mode for full-function operation

High Safety, Ease of Use

- Rotor auto-intelligent recognition & imbalance detection
- Door, over-speed, over-temperature & fault alarm protection
- Real-time speed monitoring locks out keys on abnormal run
- Rotor tool-free removal and installation

Friendly Display & Operation

- 7" HD touch screen: speed, time, temp, rotor & door status
- Live speed/RCF/temperature curves, full run data logging
- Adjustable brightness, sound, language & auto cover-open

Reliable, Universal Build

- Composite baking-paint shell, acid/alkali & corrosion resistant
- Stainless super-alloy chamber, lifetime solvent resistance
- Octagonal chamber, three-stage buffered hydraulic door

Technical Parameters

Model	JIDI-20B	Time Range	0s – 99H 59M (switchable)
Max Speed	22,000 r/min	Power Supply	AC 220V, 50Hz, 10A
Max RCF	38,906 × g	Noise	≤ 55 dB
Max Capacity	4 × 100 ml	Dimensions	520×360×323mm
Speed Accuracy	±10 r/min	Weight	33 kg

Power consumption 660W. Inverter drive motor with rotor auto-identification adjusts run parameters to the fitted rotor.

Available Rotors

The JIDI-20B accepts 8 interchangeable fixed-angle rotor configurations — select the configuration that matches your sample format and throughput needs. Additional custom rotor sizes are available on request.

Type	Rotor	Capacity	Max Speed	Max RCF
Angle	No.1	12 × 1.5ml	22,000 r/min	33,275 × g
Angle	No.2	24 × 1.5/2.2ml	20,000 r/min	38,906 × g
Angle	No.3	48 × 1.5/2.2ml	15,000 r/min	26,412 × g
Angle	No.4	12 × 10ml	16,000 r/min	25,614 × g
Angle	No.5	12 × 5ml	17,000 r/min	22,373 × g
Angle	No.6	12 × 15ml	14,000 r/min	23,008 × g
Angle	No.7	6 × 50ml	14,000 r/min	23,008 × g
Angle	No.8	4 × 100ml	12,500 r/min	19,215 × g

Adapters available for select rotors (0.2/0.5/1.0/1.5/2ml, round or conical bottom) — ask your Interlab representative for details. More rotor sizes can be customized.

Interested in the JIDI-20B for your lab? sales@interlab.co.nz · +64 4 972 2330 · www.interlab.co.nz