MASTER SCIENCE Table-Top High-Speed Centrifuges – MSBKCTH18IISWISS & MSBKCTH21SWISS

Model **MSBKCTH18IISWISS, MSBKCTH21SWISS** | Brand **Master Science** | Unit **Pc**



Table-Top High-Speed Centrifuge

The MASTER SCIENCE Table-Top High-Speed Centrifuges, models MSBKCTH18IISWISS and MSBKCTH21SWISS, provide rapid, precise, and reliable sample separation for molecular biology, biochemistry, and clinical diagnostic laboratories. These compact centrifuges combine high-speed performance, advanced safety, and user-friendly operation for laboratories requiring consistent, reproducible results.

KEY HIGHLIGHTS

- Intuitive programming for repetitive workflows
- Additional Information

AT A GLANCE

18,800 rpm MAX SPEEDMSBKCTH18IISWISS	**12×10 mL** MAX CAPACITYMSBKCTH18IISWISS
1 sec – 99h 59min 59s TIMER RANGEMSBKCTH18IISWISS	**±10 rpm** SPEED PRECISIONMSBKCTH18IISWISS

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

Scan to view online

Overview

With factory-direct supply and quick delivery within seven days, they are ideal for labs seeking high-performance, tabletop solutions.

Key Benefits

HIGH-SPEED & PRECISION

- Fast and reproducible separation for sensitive biological samples

LARGE COLOR LCD WITH FULL TOUCH CONTROL

- Stores up to 20 working programs and 5 differential centrifugation protocols

- **Intuitive programming for repetitive workflows**

Key Features

NOISE LEVEL ≤58 DB

- Brushless AC variable frequency motor, energy-efficient and maintenance-free

- Supports high-temperature sterilizable rotors (121°C, 2 hours)

- Options include PCR tubes, microplates, swing-out, and standard fixed-angle rotors

MICROCOMPUTER CONTROL FOR REAL-TIME MONITORING

Soft braking, automatic imbalance detection, and interlocks ensure user and sample protection

Rotors designed for airtight operation and automatic recognition

Additional Information
These centrifuges provide speed, precision, and safety in a compact tabletop design, making them ideal for laboratories that require high-performance, reliable, and versatile centrifugation solutions.

Technical Specifications

GENERAL

General	MSBKCTH18IISWISSUp to 18,800 rpm, 26,870 ×g
General	MSBKCTH21SWISSUp to 21,000 rpm, 30,410 ×g
General	Exceptional speed precision±10 rpm
Max SpeedMSBKCTH18IISWISS	18,800 rpm
MSBKCTH21SWISS	21,000 rpm
Max RCFMSBKCTH18IISWISS	26,870 ×g
MSBKCTH21SWISS	30,410 ×g
Max CapacityMSBKCTH18IISWISS	**12×10 mL**
MSBKCTH21SWISS	6×100 mL
Speed PrecisionMSBKCTH18IISWISS	±10 rpm
MSBKCTH21SWISS	±10 rpm
Noise LevelMSBKCTH18IISWISS	≤58 dB
MSBKCTH21SWISS	≤58 dB
External DimensionsMSBKCTH18IISWISS	426×322×340 mm
MSBKCTH21SWISS	485×370×400 mm
Gross WeightMSBKCTH18IISWISS	28 kg
MSBKCTH21SWISS	45 kg
Timer RangeMSBKCTH18IISWISS	**1 sec – 99h 59min 59s**
MSBKCTH21SWISS	1 sec – 99h 59min 59s
MotorMSBKCTH18IISWISS	Brushless AC, variable frequency
MSBKCTH21SWISS	Brushless AC, variable frequency
MSBKCTH21SWISS	AC 220V 50/60Hz (Optional AC110V with transformer)
PowerMSBKCTH18IISWISS	AC 220V 50/60Hz (Optional AC110V with transformer)

ROTOR OPTIONS (SAMPLE)

MSBKCTH18IISWISS	H0212 (12×1.5/2.2 mL), H1012 (12×10 mL), PCR strip, capillary rotors
MSBKCTH21SWISS	H8506 (6×100 mL), E4002 (2×2×48-well plates), swing-out rotors

Applications

- **Cell pelleting**
- **Virus isolation**
- **Molecular biology and biochemical assays**