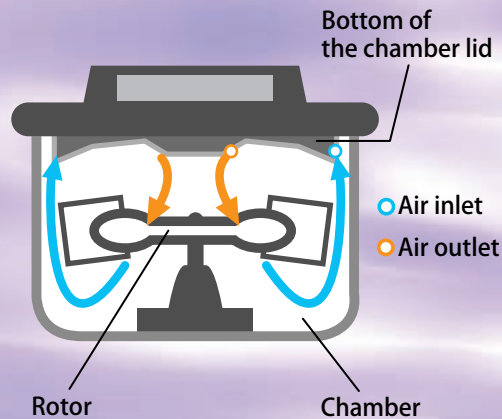


Available between -9 and 42°C

NIX-521, a dual-temp centrifuge is available for wide range of temperature setting from -9°C to 42°C. Heating system is suitable for application such as "Centrifugal enhancement of retroviral-mediated gene transfer".

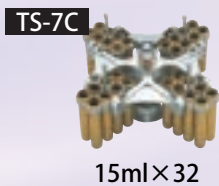
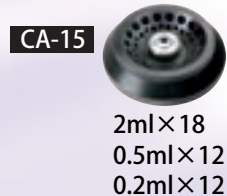
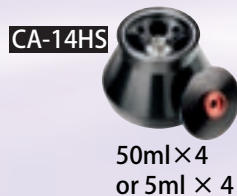


NIX-521 has safe on air circulation heating system without heating element in chamber.

Wide Variety of Rotors

Angle Rotors ▶ Spinning maximum **10,000rpm** (Angle rotors only).

Swing Out Rotors ▶ From micro tubes to 250ml bottles.



Low Speed Refrigerated & Dual-temp Centrifuge

NIX-521

Heating system is suitable for application such as
 “Centrifugal enhancement of retroviral-mediated gene transfer”.



■ Specifications

Model	NIX-521
Maximum Speed	10,000rpm
Maximum RCF	11,740G
Maximum Capacity	1,536ml (2ml×96 Deepwell plate×8)
Control System	Microprocessor control (feedback system)
Drive Motor	Induction motor
Drive System	Flex-Spin drive system (Direct drive with an automatic alignment function)
Data Entry	Jog Dial equipped with an <ENTER> button
Temperature Setting Range	-9°C to 42°C (1°C increments)
Speed Setting Range	100rpm to 10,000rpm (100rpm increments)
RCF Setting Range	10G to 11,740G (10G increments for the range less than 300G, 100G increments for the range over 300G)
Time Setting Range	From 10 sec to 50 sec, in 10 sec increments, from 1 min to 99 min, in 1 min increments or <F-> for free
Safety Devices	Imbalance detector, Lid interlock, Lid open/close detector, Abnormal speed detector, Over-current circuit breaker, Rotor identification system, Motor over-current detector, Abnormally high or low chamber temperature detector
Additional Functions	Three-step acceleration characteristics selection, Three-step deceleration characteristics selection, Three memory function, FLASH (momentary spin) function, BART Code selection, Power saving (ECO) mode, Memory function for last run parameters.
Refrigerant	HFC R404A (270g)
Power Requirements	1-Phase AC220/230/240V 50/60Hz 8A
Rated Current	6.5A
Power Consumption (Heat output)	1,050W (903kcal/h)
Breaker	Rated breaking current 7.5A
Protection against electric shock	Class I
Dimensions (except protruding portion)	540W×597D×858H mm (table height:750H mm)
Net Weight	118kg
Environmental Requirements	Ambient temperature range:10 to 35°C, Relative humidity:30 to 85%, Atmospheric pressure:700 to 1,060hPa, Intended exclusively for use indoors, Overvoltage category: II, Pollution degree: 2
Accessories Included	Operator's manual × 1copy, BART Code table × 1pc, Clear storage case for operator's manual × 1pc, Attaching screw for clear storage case × 1pc, Digital Warranty Information × 1copy, Spanner × 1pc, Level gauge × 1pc, Rotor locking knob × 1pc, Drain plug × 1pc, Power cord × 1pc.

● The above specifications show the maximum value of speed, RCF(G) and sample capacity. These values may change according to the combination of rotor, bucket, adapter and tubes.

Sales Office:

TOMY DIGITAL BIOLOGY CO., LTD.

3-14-17 Tagara, Nerima-ku, Tokyo 179-0073, Japan

e-mail: info@digital-biology.co.jp

URL: <https://www.digital-biology.co.jp/manufactured/>

phone: +81-3-5971-8160 fax: +81-3-3970-6036

TOMY SEIKO CO., LTD.

Manufacturer:

TOMY KOGYO CO., LTD.

3-14-17 Tagara, Nerima-ku, Tokyo 179-0073, Japan

All TOMY products have a limited one-year warranty. Specifications are subject to change according to product advancement. Tomy and Digital Biology is registered trademark of Tomy Seiko Co.,Ltd. and Tomy Digital Biology Co., Ltd. Copyright 2015, Tomy Seiko and its subsidiaries. Printed in Japan.