

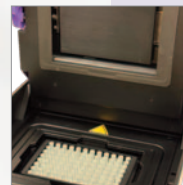


THISTLE SCIENTIFIC

Research Today, Change Tomorrow

cycl_{er} PRO

EZEEcycl_{er} PRO 96-well gradient thermal cycler for enhanced PCR efficiency and precision



The EZEEcycl_{er} PRO gradient thermal cycler has flexible ramp rate and gradient temperature control, permits accurate PCR optimisation. It is equipped with a 7" sensitive touchscreen and a user-friendly graphic interface, making operations highly intuitive.

With flexible ramp rate and gradient temperature control, EZEEcycl_{er} PRO greatly optimises PCR accuracy. With the Wi-Fi function, the PCR status can be monitored remotely at any time with convenience.



BRAND





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TECHNICAL SPECIFICATION

SAMPLE BLOCK

96 WELL, GRADIENT BLOCK	COMPATIBLE WITH REGULAR PROFILE OR LOW PROFILE 0.2 ML PCR TUBE, STRIPTUBE, NON-SKIRTED, SEMI-SKIRTED AND FULL-SKIRTED 96-WELL PLATE
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BLOCK TEMPERATURE

BLOCK TEMPERATURE RANGE	4.0 - 100°C
MAX. HEATING / COOLING RATE	5.5°C/SEC / 3.3°C/SEC
TEMPERATURE ACCURACY / UNIFORMITY	± 0.3 °C / ± 0.3°C
ADJUSTABLE RAMP RATE	0.1 - 5.5°C/SEC

GRADIENT TEMPERATURE

GRADIENT DIRECTION	HORIZONTAL ACROSS THE BLOCK
GRADIENT TEMPERATURE RANGE	30 - 100°C
GRADIENT TEMPERATURE DIFFERENCE	MAX. SPAN 30°C

HEATED LID

TEMPERATURE SETTING RANGE	35 - 120°C OR OFF
TEMPERATURE ACCURACY	±1.0°C

SOFTWARE

PORTABILITY OF PROTOCOLS	SAVE AND TRANSFER TO COMPUTER OR EZEE CYCLER PRO VIA USB FLASH DRIVE
STORED PROGRAM No.	> 4000
REGISTERED USER FOLDER No.	100
USER FOLDER PASSWORD PROTECTION	YES
RUN STATUS REPORT	YES, HTML OUTPUT AND TRANSFER VIA USB FLASH DRIVE
REAL-TIME TEMP. PROFILE EXPORT	YES, CSV OUTPUT AND TRANSFER VIA USB FLASH DRIVE
TOOLS	TM CALCULATOR, COPY NUMBER CONVERTOR, MASTER MIX PREPARATION WIZARD

GENERAL

DISPLAY	7" COLOUR LCD WITH CAPACITIVE TOUCH PANEL
DATA PORT	1 USB TYPE-A FRONT PORT FOR USB FLASH DRIVE
HEATED LID	35 - 120°C OR OFF
AUTO RESTART AFTER POWER OUTAGE	YES
FOOTPRINT DIMENSIONS (H x W x D)	225 MM x 245 MM x 415 MM
WEIGHT	9.5 KG
POWER SUPPLY	AC 100-240 V, 50/60 Hz, 750 W
CERTIFICATION	CE, RoHS

ORDERING INFORMATION

Cat. No.	Description	Packaging
EZEECYCLER-PRO	EZEEcycler PRO Gradient 96-well Thermal Cycler, 110-220V, with UK & EU Plug	
BIO-PCR-02F	0.2ml Thin Wall PCR Tubes, Clear, Frosted Flat Cap	1000 Tubes/Bag; 10 Bags/Case
BIO-PCR-0208	0.2ml Thin Wall 8-Strip PCR Tubes, Clear	125 Strips/Bag; 10 Bags/Case
BIO-PCR-0208CP-F	Frosted Flat 8-Strip Cap, for writing	125 Strips/Bag; 10 Bags/Case
BIO-PCR-0208-IF-F	0.2ml Thin Wall 8-Strip PCR Tubes, Clear with Individual Frosted Flat Caps	30 Strips/Pack; 4 Packs/Pack; 10 Packs/Case
BIO-PCR-0108LP-TCP-C	0.1ml PCR 8-Strip Tubes, Low Profile, Clear with Optically Clear Caps, Biorad compatible	120 Strips/Pack; 10 Packs/Case
BIO-PCR96-FLT-C	96 Well PCR Plate, 0.2ml, No Skirt Flat Top, Clear	10 per Pack, 10 Packs per Case
BIO-PCR96-LP-FLT-C	96 Well PCR Plate, 0.1ml, No Skirt, Low Profile, Flat Top, Clear	10 per Pack, 10 Packs per Case
BIO-PCR96-HS-C	96 Well PCR Plate, 0.2ml, Half Skirt, Clear, Single Notch	10 per Pack, 5 Packs per Case
HP96-LPSSR-CC	Hard shell 96-well PCR plate, 0.1ml, Semi-skirted, Low Profile, Clear frame, Clear wells	10 per Pack, 5 Packs per Case

INTUITIVE OPERATION EXPERIENCE

- EASY TO CONTROL**
 THE SENSITIVE 7" CAPACITIVE TOUCHSCREEN ENABLES EASY OPERATION EVEN WITH LABORATORY GLOVES
- USER-FRIENDLY INTERFACE**
 THE GRAPHIC INTERFACE IS EASY TO USE, MAKING THE ADJUSTMENT OF EXPERIMENT PARAMETERS SUCH AS TEMPERATURE, TIME AND CYCLE QUICK AND SIMPLE
- HIGHLY FLEXIBLE CONNECTIVITY**
 EASY-TO-OPERATE HEATED LID DESIGN, COMPATIBLE WITH MOST PCR VESSELS ON THE MARKET
- MEET THE OTHER MEMBERS OF THE FAMILY**



EZEECYCLER-TRI

High-throughput triple block PCR for multipurpose



EZEECYCLER-PRO

High performance and standard PCR option



EZEECYCLER-GO

Economical routine thermal cycling

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