

## LABORATORY SECTOR

PCR THERMAL CYCLERS







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In any part of the world, receive your induction or training from our specialized team of engineers



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Our work team is always available to response all your consults or questions, in order to support you in any situation.



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#### KALSTEIN® PCR Thermal Cyclers Thermal Cycler Model YR06070



#### **Product Description:**

The YR06070 PCR thermal cycler is easy to operate thanks to its 7-inch color LCD touch screen. Taking advantage of its excellent thermal block, it offers you homogeneous and accurate temperatures, fast and precisely controlled ramp rates, and fast and reproducible PCR cycles. In addition, programming is remarkably simple and intuitive. Thanks to all these advantages, it is your ideal PCR instrument.

#### 7-inch touch screen operation:

With the 7-inch LCD touch screen, it can be operated quickly by simple one-touch commands. Compact design that takes up little space and is easy to move.

#### Intuitive software design:

The software's intuitive design and user-friendly interface make it easy even for first-time users. No specialized training is required.

#### Power failure protection design:

The unique power-off protection function can save all set configurations after power off, and allow the experiment to continue when power on.

#### **Temperature gradient control**:

Block features remarkable gradient technology to ensure ramp rates are identical in both gradient and normal modes. The performance-optimized assay traverses a maximum range of  $40^{\circ}$ C through 12 gradients.

#### Flexibility to share experiment protocols:

1000 experiment protocols can be saved. Protocols can also be easily shared between different ones via USB hard disk. Personal protocols can be saved on your USB **f**lash drive to quickly set up your own experiment on any YR06070.





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### KALSTEIN® PCR Thermal Cyclers Thermal Cycler

Model YR06070



#### **Technical Parameters**:

Model	YR06070
Reaction volume	0-100µL
Thermo block	Aluminum
Compatible Consumables	0.2mL single tube, 0.2mL 8 strip tubes, 0.2mL 96-well plate(skirted, semi- skirted, unskirted)
Temperature control range of the block	4°C-99°C
Temperature control mode	Tube mode & Block mode
Heating technology of the block	Peltier
Gradient block	12 row
Gradient temperature span	1°C-40°C
Gradient temperature range	30°C-99.9°C
Lid temperature range	40-110°C
Temperature uniformity	±0.2°C
Block temperature accuracy	±0.1°C
Heating rate	≥ 3.5°C/s
Cooling rate	≥2.5°C/s
Interfaces	USB, Ethernet
Dimensions(W*D*H)	260mm*400mm*260mm
Weight	11Kg
Power supply	AC 100-240V, 50-60Hz
Max. Power consumption	600VA
Running noise	<55dB



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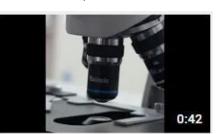
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