

Life Science



# Heal Force X320 Real-Time PCR

A platform you can depend on



X320

Heal Force leads you to healthier life

## Brand-new design, constantly keep improving, give you a new feeling

- Super bright monochromatic LED light source, no need to crosstalk correction
- Refrigeration type high-resolution scientific CCD. Collect fluorescence signals simultaneously, consistently and accurately.
- Tablet PC with Android 7.0 (or above) operating system and A8 processor can ensure smooth running and enhance experience feelings
- Imported advanced semiconductor technology can ensure accuracy of amplification rate and results
- With multiple analysis modes: Qualitative, relative/absolute quantification, melting curve analysis, etc
- Can be connected with PC via WIFI/LAN, which is more convenient to use



## Technical specifications

Model		X320	
Channel	2	Temp Accuracy	±0.1℃
Block Format	32-well×0.2ml	Temp Uniformity	95℃ (constant 10s±0.3℃) 55℃ (constant 10s±0.2℃)
Light Source	High brightness monochrome LED	Temp range	4℃-100℃
Detector	Highly sensitive cold light CCD	Max. ramp rate	6℃/s
Detection dynamic range	10 <sup>0</sup> -10 <sup>10</sup>	PC Operation system	Windows XP or above
Sensitivity	Down to 1 copy	Tablet Operation system	Android 7.0 or above
Reaction volume	10μL-100μL	Power Supply	AC220V50/60Hz, DC24V
Excitation filters/colors	470nm-530nm	CPU	A8 Processor
Detection filters/colors	530nm-565nm	Network	LAN/WIFI
Kits&Reagent	Channel1 :FAM/SYBR Channel2:VIC/HEX/JOE/TET/TAMRA/CY3	Multiple control	Support
Block Material	Peltier		



Heal Force Bio-Meditech Holdings Group  
 Heal Force International Trading(Shanghai) Co., Ltd  
 6788 Songze Road, Qingpu District, Shanghai 201706, P.R. China  
 Tel +86 21 62728646 Email export@healforce.com, Fax +86 21 62728646

[www.healforce.com](http://www.healforce.com)

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