

**SPECIAL PROMOTIONAL PRICE:**  
**\$17,500**

\*Includes: Azure Cielo 6 and software  
**Limited time offer!**



## A complete qPCR package!

The **Azure Cielo** is a 96-well real-time PCR machine that features innovative and high-performance optical technology with broad application compatibility.

Promo Code 5984.



### Equipment/Software

Part Number	Name	Description
MPAIQ060	Azure Cielo 6 RT-PCR system	6-Channel Real-Time PCR System and PC-compatible software for remote control and data analysis
76519-434	Optional: Azure Cielo Laptop Computer	Windows 10 laptop configured with Azure Cielo manager capture software for use with Azure Cielo

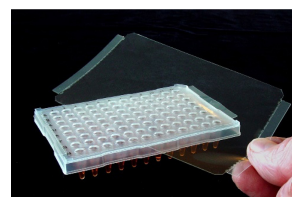
### Key benefits are:

- Unparalleled data uniformity
- Shorter run times
- Data emailed after run completion
- Multiplex qPCR of up to six-targets



### Compatible Quantabio Reagents

Part Number	Name
101414-098	qScript™ cDNA Synthesis Kits
95054-946	qScript™ One-Step SYBR® Green qRT-PCR Kit
89236-666	qScript™ XLT One-Step RT-qPCR ToughMix®
101414-152	PerfeCTa® SYBR® Green SuperMix
101414-276	PerfeCTa® SYBR® Green FastMix®
101414-204	PerfeCTa® MultiPlex qPCR SuperMix



### Compatible Consumables: 96-Well Plates and Seals

Part Number	Name
76519-444	Azure Low profile white 96-well plate, 0.1 ml
76519-446	Azure Ultra clear optical sealing sheet
82006-664	VWR PCR plates, ABI style
82006-650	VWR PCR plates, Universal fit
60941-078/ 89024-752	VWR Ultra-Clear Films for qPCR
89134-428	VWR Sealing Films, Non-Tacky, for qPCR

# Why should you choose the Azure Cielo?

## 1. SPEED

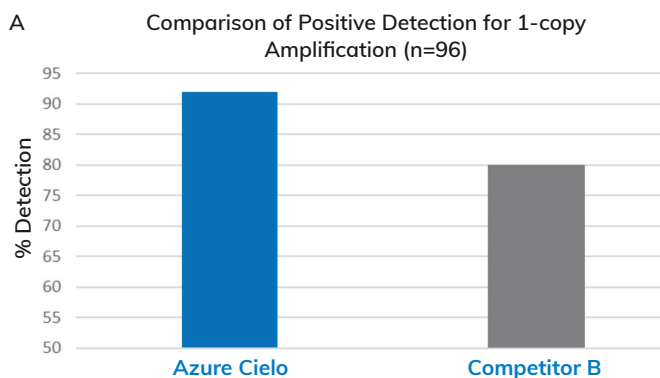
- Achieve sub-25 min run times for full plate protocols
- Get your results faster and run more samples per day

Azure Cielo	22 minutes
Competitor Q	28 minutes
Competitor B	33 minutes

Shorter run times. A commercially available fast qPCR kit was run using SYBR Green. Protocol: 95°C, 2 minutes, 40 X (95°C 1 second, 60°C 1 second).

## 2. SENSITIVITY

- The Azure Cielo can detect a single copy of a gene more frequently than the competition
- Lower Cq values means you will never miss a positive result



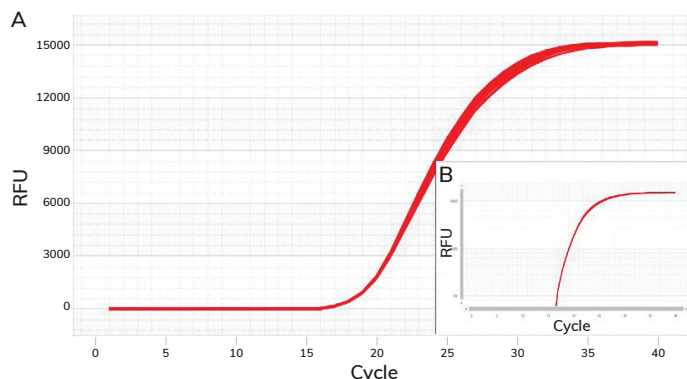
B

qPCR System	Average Cq	Std.Dev	Cq <sub>Competitor</sub> - Cq <sub>Azure</sub>
Azure Cielo	36.39	0.91	2.14
Competitor B	38.53	1.161	

Superior Single Copy Detection. (A) Percentage of wells with positive detection of single-copy qPCR reactions carried out on the Cielo Real-Time PCR system and a competitor PCR system. (B) Average Cq obtained from Azure Cielo System is 2.14 cycles earlier than Competitor B.

## 3. HIGH DATA QUALITY

- Expect superior uniformity between replicates and excellent reproducibility
- Resulting in data that is consistent from experiment to experiment without the need for ROX normalization



Unparalleled uniformity. Amplification curves for 96 replicates shown on a linear plot (A) and a logarithmic plot (Figure B). In each well,  $10^5$  copies of GAPDH template were amplified. Average Cq = 19.1, Coefficient of variance (Cv) = 0.002.



## 4. CONVENIENCE

- Data is emailed once the run is complete
- No need to wait in lab

Offer only valid on Azure Cielo PCR system and software. Promotional part numbers are available for a limited time, must be used at the time of purchase, and may be ordered via the "ORDER ENTRY" link on [vwr.com](http://vwr.com). (Promotional part numbers cannot be found via Search on [vwr.com](http://vwr.com).) For assistance with ordering, please contact VWR Customer Service at 1.800.932.5000.



  
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