

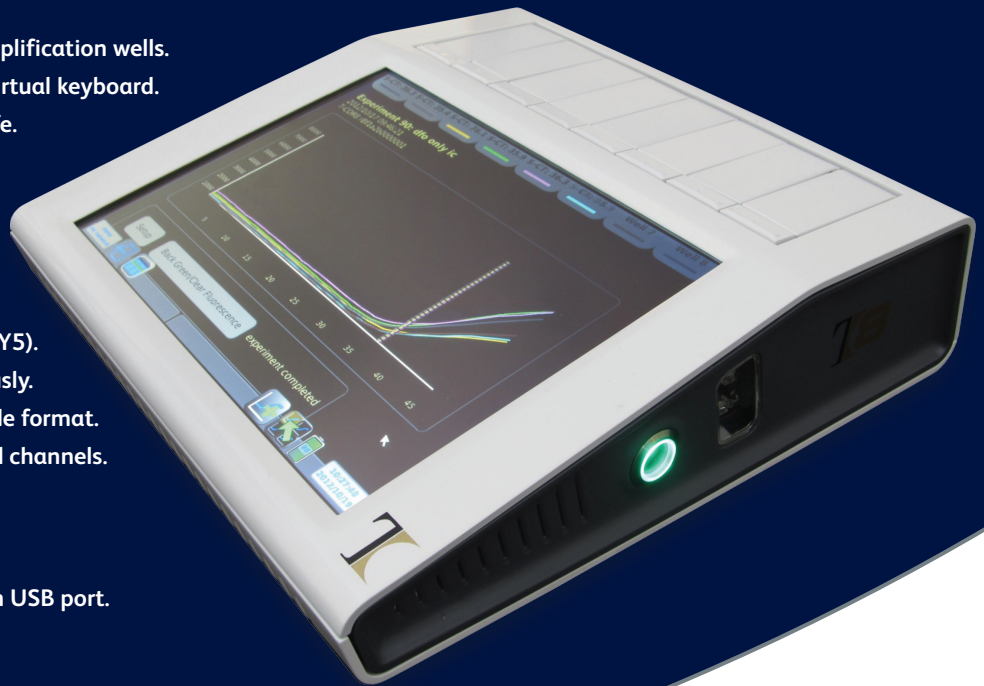
# Product Datasheet

## T-COR 8™

### Real-time PCR Thermocycler

The T-COR 8™ is the ideal point of care PCR instrument, offering all the features of a large powerful real-time PCR machine in a small package.

- 8 independently programmable amplification wells.
- 26.4 cm (10.4") touch screen with virtual keyboard.
- 4 hours of thermocycling battery life.
- Weighs less than 4.5 kg (9.9 lbs).
- Integrated barcode scanner.
- Custom protocol creator.
- Auto analysis with Smart CT™ software (calls positive/negative).
- Multiplex capable (FAM, CY3 and CY5).
- Run multiple protocols simultaneously.
- View data in real-time, chart or table format.
- View data from individual wells and channels.
- Data stored locally via SD card.
- Networkable via LAN for remote access and data download.
- Download data via CSV file through USB port.



Available RT-PCR assays for first responders include:

- TC-8020-064 *Bacillus anthracis* (pX01), *Bacillus anthracis* (pX02), Vaccinia.
- TC-8021-064 Burkholderia, SEB, Botulinum Toxin A & B.
- TC-8022-064 *F. tularensis*, *Yersinia pestis*, Brucella.
- TC-8023-064 Collection swab.
- TC-8026-064 Ricin, Abrin.

Internal control included in all assays.



C21™ Cartridge and Collection Swab

# Specifications

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General	
<b>Weight</b>	<30 lbs.; 9.9 lbs (4.5 kg)
<b>Power Requirements</b>	Lithium Battery; 4 hours
<b>Transportability</b>	Person-portable
<b>Detection Principle</b>	Molecular
<b>Detection Method</b>	Polymerase Chain Reaction
<b>Solvents/Reagents</b>	Yes
<b>Data Analysis Support Equipment</b>	Data analysis software
<b>Communications Interface</b>	Wi-Fi, Ethernet, USB
<b>Sample Introduction</b>	Liquid
<b>Response Time (Sample Application To Output)</b>	<5 minutes
<b>Software Control</b>	On-board
<b>Other Operational Parameters</b>	8 independently programmable amplification wells

Specifications are subject to change without notice.  
For the most up-to-date specifications, please visit [www.tetracore.com](http://www.tetracore.com)

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