Actalyke Mini II Specifications

Tests: Whole Blood Activated Clotting Time (ACT). Accepts Actalyke ACT Tubes with celite, kaolin, glass-bead activators; MAX-ACT Tubes with blended activators; all International Technidyne Hemochron® tubes

Measurement Range: 0-1500 seconds

Incubation Temperature: 97.7° - 99.5°F (36.5° - 37.5°C)

Dimensions: (W x H x L) 6.1 x 4.8 x 6.3" (15.5 x 12.2 x 16.0 cm)

Display: 3.2" x 1" (8 x 2.54 cm)

Weight (with printer): 5.3 lbs. (2.4 kg)

Line Voltage: 47-63 Hz, 85-265 V A/C

Battery: Rechargeable

Environment: 59° to 86°F (15° to 30°C)

Data Transfer Capability: Printer option available for hard copy

CLIA Classification: Non-waived

Actalyke Ultra Specifications

Tests: Whole Blood Activated Clotting Time (ACT). Accepts Actalyke ACT Tubes with celite, kaolin, glass-bead activators; MAX-ACT Tubes with blended activators; all International Technidyne Hemochron® tubes

Measurement Range: 0-1500 seconds

Incubation Temperature: 97.7° - 99.5°F (36.5° - 37.5°C)

Dimensions: (W x H x L) 10.7 x 8.0 x 12.0" (27.2 x 20.3 x 30.5 cm)

Display: 3.2 x 4" (8.1 x 10.2 cm) color LCD touch screen

Weight (with printer): 15 lbs. (6.8 kg)

Line Voltage: 47-63 Hz, 85-265 V A/C

Battery: Rechargeable

Environment: 59° to 86°F (15° to 30°C)

Data Transfer Capability: USB, Wifi, Bluetooth

Data Input: LCD touch screen; barcode readers

CLIA Classification: Moderately Complex

CE Certified: NCCLS-POCT 1-A Compliant
Activated Clotting Time (ACT) testing is the gold standard for monitoring heparin therapy during cardiac procedures. Actalyke instruments and reagents provide the sensitivity, reliability and rapidity needed for timely treatment decisions at the point of care.

The Actalyke Ultra is a premier analyzer offering excellent reproducibility and strong data handling features. The Actalyke Mini II is the simplest instrument available for activated clotting time testing, yet it retains high sensitivity with performance, linearity and CVs that parallel the Ultra.

Both Actalyke instruments use a 2-point clot detection mechanism, enabling clot detection at the early fibrin formation stage with less variation due to clot fragility. This provides greater precision, especially on highly heparinized and diluted samples.

Actalyke Ultra
- 2-point clot detection; single test well
- Fully compatible with all ACT tubes
- Color LCD touch screen interface
- Internal and external barcode readers
- Barcoded reagent audit trail
- Operator configuration and QC lot tracking
- QC functions with lockout option
- Administrative software with Levey-Jennings
- Two user security levels with lockout options
- USB, WiFi, and Bluetooth capable
- Large data storage; secure data transfer
- Print locally or via network
- LIS interface – Telcor, LDS, RALS
- Lightweight; modest 10-inch footprint
- Long battery life

Actalyke Reagent Tubes (50 tubes/box)

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-ACT</td>
<td>Celite® ACT Tubes (Black Flip Top)</td>
<td>C-ACT tubes contain a celite activator (diatomaceous earth) for monitoring patients undergoing procedures requiring moderate to high heparin concentrations.</td>
</tr>
<tr>
<td>K-ACT</td>
<td>Kaolin ACT Tubes (Yellow Flip Top)</td>
<td>Kaolin ACT tubes are useful in monitoring patients receiving moderate to high heparin dosages in the presence of aprotinin.</td>
</tr>
<tr>
<td>G-ACT</td>
<td>Glass Bead ACT Tubes (White Flip Top)</td>
<td>Glass Bead ACT is useful for monitoring patients undergoing procedures requiring low to moderate heparin dosages.</td>
</tr>
<tr>
<td>MAX-ACT</td>
<td>MAX–ACT Tubes (Gray Flip Top)</td>
<td>MAX–ACT contains kaolin, celite and glass beads to ensure maximal Factor XII activation and circumvent patient sensitivity to a single activator. MAX–ACT is ideal for monitoring moderate to high heparin dosing.</td>
</tr>
</tbody>
</table>

Quality Control

Control Kits – Each QC kit delivers two levels of quality control: normal and high. Lyophilized controls provide quick reconstitution, convenient sizing and economical pricing. After reconstitution, controls are stable 1 hour at room temperature. Kits contain 10x1 mL each QC level plus 2x10 mL Calcium Chloride and 2x10 mL Diluent.

Electronic Clotting Tube – The Electronic Clotting Tube simulates patient sample clots at three therapeutic heparin levels (100, 300 and 500 seconds) for daily QC of all Actalyke instruments. Rechargeable.
Activated Clotting Time (ACT) testing is the gold standard for monitoring heparin therapy during cardiac procedures. Actalyke instruments and reagents provide the sensitivity, reliability and rapidity needed for timely treatment decisions at the point of care.

The Actalyke Ultra is a premier analyzer offering excellent reproducibility and strong data handling features. The Actalyke Mini II is the simplest instrument available for activated clotting time testing, yet it retains high sensitivity with performance, linearity and CVs that parallel the Ultra.

Both Actalyke instruments use a 2-point clot detection mechanism, enabling clot detection at the early fibrin formation stage with less variation due to clot fragility. This provides greater precision, especially on highly heparinized and diluted samples.

Actalyke Ultra

- 2-point clot detection; single test well
- Fully compatible with all ACT tubes
- Color LCD touch screen interface
- Internal and external barcode readers
- Barcoded reagent audit trail
- Operator configuration and QC lot tracking
- QC functions with lockout option
- Administrative software with Levey-Jennings
- Two user security levels with lockout options
- USB, WiFi, and Bluetooth capable
- Large data storage; secure data transfer
- Print locally or via network
- LIS interface – Telcor, LDS, RALS
- Lightweight; modest 10-inch footprint
- Long battery life

Actalyke Mini II

- 2-point clot detection; single test well
- Fully compatible with all ACT tubes
- Large, high-visibility display
- Simple operation
- Easy clean, removable tube holder
- Lightweight; small 6-inch footprint
- Optional battery pack

Helena offers a full line of ACT tubes, including traditional glass bead, kaolin, and celite, plus triple activator MAX-ACT. MAX-ACT blends kaolin, celite and glass beads to maximize Factor XII activation to best measure the specific inhibition of thrombin by heparin and bypass any potential patient sensitivity to a single activator. With an upper limit of linearity of 6 units of heparin per mL of blood, MAX-ACT is ideal for monitoring patients receiving moderate to high heparin dosages.

Actalyke Reagent Tubes (50 tubes/box)

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Quality Control

Control Kits – Each QC kit delivers two levels of quality control: normal and high. Lyophilized controls provide quick reconstitution, convenient sizing and economical pricing. After reconstitution, controls are stable 1 hour at room temperature. Kits contain 10x1 mL each QC level plus 2x10 mL Calcium Chloride and 2x10 mL Diluent.

Electronic Clotting Tube – The Electronic Clotting Tube simulates patient sample clots at three therapeutic heparin levels (100, 300 and 500 seconds) for daily QC of all Actalyke instruments. Rechargeable.
Actalyke Ultra
Cat. No. Item
5757 Actalyke Thermometer
5772 Actalyke Ultra, 110/220V

Actalyke Ultra Specifications
Tests: Whole Blood Activated Clotting Time (ACT). Accepts Actalyke ACT Tubes with celite, kaolin, glass-bead activators; MAX-ACT Tubes with blended activators; all International Technidyne Hemochron® tubes
Measurement Range: 0-1500 seconds
Incubation Temperature: 97.7° - 99.5°F (36.5° - 37.5°C)
Dimensions: (W x H x L) 10.7 x 8.0 x 12.0" (27.2 x 20.3 x 30.5 cm)
Display: 3.2 x 4" (8.1 x 10.2 cm) color LCD touch screen
Weight (with printer): 15 lbs. (6.8 kg)
Line Voltage: 47-63 Hz, 85-265 V A/C
Battery: Rechargeable
Environment: 59 to 86°F (15° to 30°C)
Data Input: LCD touch screen, barcode readers
Data transfer capability: USB, Wi-Fi, Bluetooth
Printer: HL-7, Wi-Fi, Bluetooth
CLIA Classification: Moderately Complex
CE Certified: NCCLS-POCT 1-A Compliant

Actalyke Mini II
Cat. No. Item
5753 Actalyke Mini II Analyzer, 110/220V (w/printer)
5755 Actalyke Mini II Analyzer, 110/220V (without printer)
5763 Actalyke Mini II, 110/220V (with printer and battery)
5765 Actalyke Mini II, 110/220V (with battery)
1197 Comprehensive Replacement for Actalyke Mini II
9134 Service Manual for Actalyke Mini II
5754 Actalyke Mini II Battery Pack
5753 Actalyke Thermometer
A-PRR Actalyke Thermal Printer Paper (3 rolls)

Actalyke Mini II Specifications
Tests: Whole Blood Activated Clotting Time (ACT). Accepts Actalyke ACT Tubes with celite, kaolin, glass-bead activators; MAX-ACT Tubes with blended activators; all International Technidyne Hemochron® tubes
Measurement Range: 0-1500 seconds
Incubation Temperature: 97.7° - 99.5°F (36.5° - 37.5°C)
Dimensions: (W x H x L) 6.1 x 4.8 x 6.3" (15.5 x 12.2 x 16.0 cm)
Display: 3.2" x 1" (8 x 2.54 cm)
Weight (with printer): 5.3 lbs. (2.4 kg)
Line Voltage: 47-63 Hz, 85-265 V A/C (Battery optional - DC)
Battery: Rechargeable
Environment: 59° to 86°F (15° to 30°C)
Data Input: LCD touch screen; barcode readers
Data transfer capability: USB, Wifi, Bluetooth, Printer: HL-7, Wifi, Bluetooth
CLIA Classification: Non-waived