

Actalyke[®]

THE GOLD STANDARD OF
HEPARIN MANAGEMENT



HELENA
LABORATORIES



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

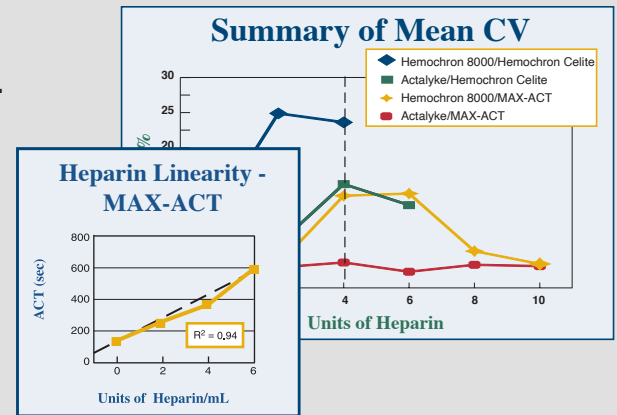
- 2-point clot detection; single test well
- Fully compatible with all ACT tubes
- Color LCD touch screen interface
- Internal and external barcode readers
- Barcoded reagent audit trail
- Operator configuration and QC lot tracking
- QC functions with lockout option
- Administrative software with Levey-Jennings
- 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)

Cat. No.	Item	Description
C-ACT	Celite [®] ACT Tubes (Black Flip Top)	C-ACT tubes contain a celite activator (diatomaceous earth) for monitoring patients undergoing procedures requiring moderate to high heparin concentrations.
K-ACT	Kaolin ACT Tubes (Yellow Flip Top)	Kaolin ACT tubes are useful in monitoring patients receiving moderate to high heparin dosages in the presence of aprotinin.
G-ACT	Glass Bead ACT Tubes (White Flip Top)	Glass Bead ACT is useful for monitoring patients undergoing procedures requiring low to moderate heparin dosages.
MAX-ACT	MAX-ACT Tubes (Gray Flip Top)	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.

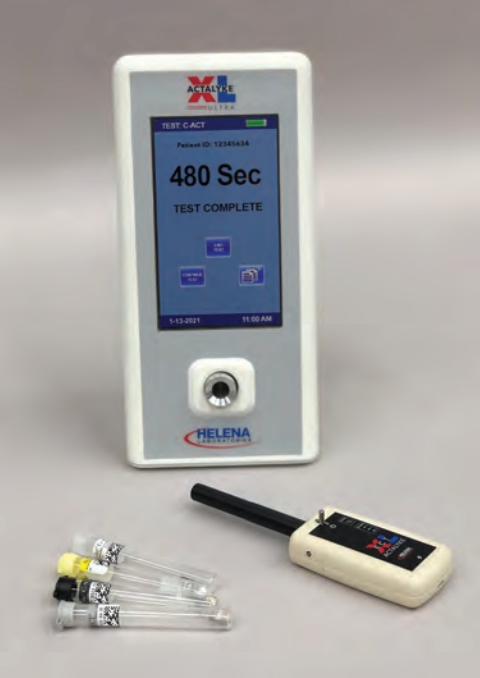
Quality Control

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.

Cat. No.	Item
AQC-HP	Level 1 and 3 Controls for MAX-ACT, C-ACT, K-ACT
AQC-LP	Level 1 and 2 Controls for G-ACT

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.

Cat. No.	Item
XL-ECT	Actalyke Electronic Clotting Tube



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, Wifi, Bluetooth

Printer: HL7, WiFi, 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
5757	Actalyke Thermometer
A-PPR	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)

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

Data Transfer Capability: Printer option available for hard copy

CLIA Classification: Non-waived