



XMETIX — AUTOMATING HEMORRHAGE CONTROL

TAK710: Smart Automated Tourniquet

The Problem

Uncontrolled bleeding is the **#1 preventable cause of death** in trauma.

A victim can bleed to death in **3–5 minutes**, while help typically arrives in **7–12 minutes**.

Traditional manual tourniquets require training, fine motor skills, and calm — all of which disappear under stress.

The result: **up to 80% failure rates** in real conditions.

People aren't dying because help isn't coming — they're dying because the person standing there can't stop the bleed.

The Solution: TAK710

The TAK710 is the world's first **fully automated, self-adjusting smart tourniquet**, built so **anyone** — civilian or professional — can stop life-threatening bleeding in seconds.

Single Button. Zero Training. Maximum Survival.

- ✓ Fully automated occlusion pressure
- ✓ Self-application capable
- ✓ Works through clothing, gloves, darkness, and chaos
- ✓ Auto-readjusts pressure during movement and evacuation
- ✓ Built-in timer for medical continuity and triage

If you can push a button, you can save a life.

Why TAK710

- ✓ Eliminates training dependency
- ✓ Reduces preventable deaths
- ✓ Standardizes response across civilians & professionals
- ✓ Creates AED-style public safety capability

TAK-710 doesn't replace first responders — it gives people a chance to still be alive when they arrive.

Contact

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Performance & Proof

- ⊕ **100% occlusion success** in field testing
- ⊕ **MIL-STD-810G / IP56 ruggedization**
- ⊕ **FDA-listed, CE-marked, IEC 60601 compliant**
- ⊕ Already adopted by:
 - **National EMS deployment**
 - **Military operational units**
 - **Law enforcement and disaster response teams**
 - **Early adopters across the U.S. and Europe**

Proven where it matters — battlefield, street, school, and disaster zones.

Key Specifications

Feature	Detail
Application Time	Under 30 seconds (14 sec user time)
Battery Life	6+ hours active
Operating Conditions	-30°C (-22°F) to +60°C (+140°F)
Weight	180g / 6.3 oz
Shelf Life	5 years sealed

Who It's for

- Military & Special Forces
- Police / Active Shooter Response
- EMS / First Responders
- Fire & Rescue
- Mass-Casualty & Homeland Security Units
- Schools, stadiums, government buildings
- Civilian preparedness: ranges, hunting, outdoor, home kits

One device. Compatible with every sector where bleeding control matters.

Procurement & Deployment

Available in:

- Bulk purchase
- Agency rollout
- Public access safety programs
- Civilian retail + OEM trauma system integration
- Pilot programs available.

TAK710 — Automation Where It Matters Most: Human Life.