

T°PATCH

T°VEIN

EXACT°



The new reference in thermal monitoring

Simple to use. Precise. Instant.

Gamastech patches represent a new generation of biomedical devices and accessories, designed for constant temperature monitoring.

Each patch is calibrated with specific temperature thresholds, optimized for its application.

Continuous

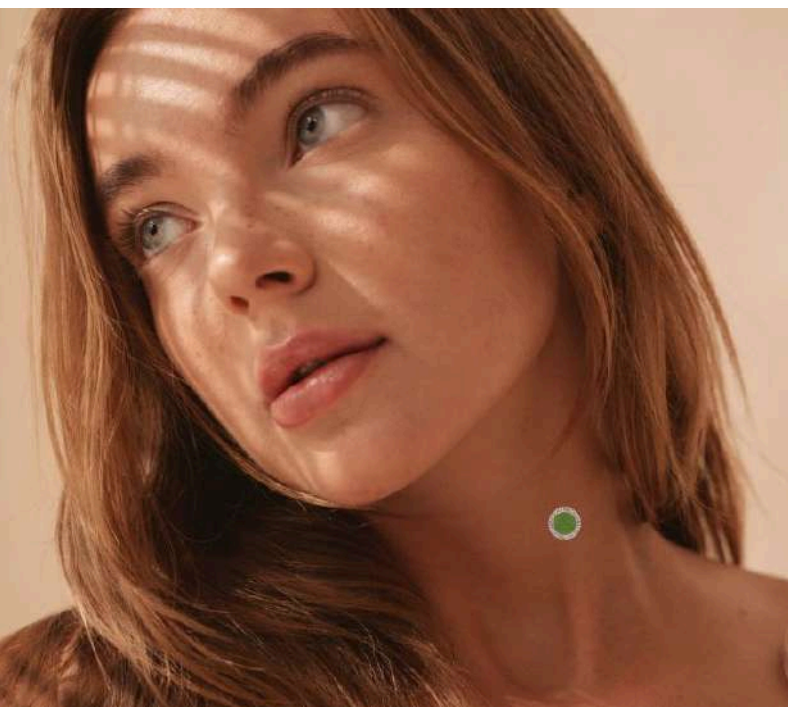
Non-invasive

Low cost

***We use colors to protect
what matters most: health.***


GAMASTECH
INNOVATIVE INFUSION SYSTEMS

T° PATCH



Disposable, wearable patch for continuous and non-invasive monitoring of body or local temperature.

Why it matters

Temperature changes are often the first sign of fever, hypothermia or catheter-related complications. Early detection means safer patients, faster interventions and lower hospitalization costs.



Brown: < 34°C
Green: 34°C- 37°C
Yellow: > 37.5°C

Where it helps

T-Patch is an indispensable aid for healthcare personnel: placed on the forehead, neck or torso, it detects body temperature.



Neonatology

Early detection of hypothermia, one of the main causes of newborn mortality.



Pediatrics

Non-invasive, continuous monitoring without discomfort.



Home care

Safe and reliable follow-up outside the hospital.



Central Venous access (CVC)

Early warning of inflammation and catheter-related complications.



Post surgery

Detects abnormal temperature changes near the dressing.



Infectious diseases

Continuous monitoring at a safe distance.

T°VEIN



Peripheral venous access (PIV) is one of the most common hospital procedures, yet also one of the most fragile. Phlebitis, infiltration, extravasation and infection affect up to half of catheters before the end of therapy. These complications increase patient risk, extend hospital stays and raise costs.

One of the earliest and most reliable warning signs is a local change in skin temperature:

- **Cooling** → possible extravasation (fluid leakage)
- **Heating** → possible phlebitis or infection

T-Vein improves safety in daily practice, in pediatrics where children cannot always describe pain, in post-operative or intensive care where patients may be sedated, and even in home care where caregivers need a quick and intuitive tool.

It is a low-cost system that helps prevent complications, reduces hospitalization costs, and allows timely intervention.

The solution: T-Vein

T-Vein is a disposable thermochromic adhesive patch designed for continuous monitoring of peripheral infusion sites. Applied 1–2 cm from the catheter insertion point, it provides an instant color signal that alerts staff or caregivers, even between routine nursing checks.



Brown: $\leq 31^{\circ}\text{C}$
Possible Extravasation



Yellow: $\geq 34.5^{\circ}\text{C}$
Hot skin – possible
inflammation/infection



Green: 31°C – 34.5°C
Normal range

EXACT^o

Disposable drug temperature monitoring

Many infusion drugs – such as chemotherapy, antibiotics, vaccines and blood products – are stored in refrigerators, but must be brought to room temperature before administration.

If the solution is too cold or too warm, its stability and viscosity may change, affecting infusion speed, efficacy and patient safety. This can also lead to unnecessary waste and higher healthcare costs.

The solution: Exact^o

Exact^o is a disposable thermochromic adhesive label applied directly on the surface of vials, IV bags or elastomeric pumps.

It does not measure the room, but the actual temperature of the solution inside the container, giving staff an instant and reliable visual signal.



APPLICATIONS



In hospitals



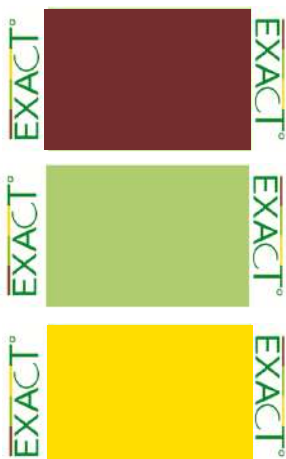
In vaccination and
transfusion centers



For home care



Research lab and
veterinary clinics



Brown: < 23°C **Green:** 23°C – 25°C **Yellow:** > 25°C

Key benefits:

- Ensures drug stability and correct infusion speed
- Prevents waste of sensitive and high-value medicines
- Immediate visual check – no batteries, no calibration
- Simple, low-cost and intuitive for all staff

Gamastech patches: simple color, smarter care



www.gamastech.com



+39 0952938579



info@gamastech.com