

Diaped Non-Contact Infrared Thermometer

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An early warning tool in the fight against diabetic or neuropathic ulceration!

Visiofocus® is the only thermometer in the world that projects the temperature reading on the skin or on the objects' surface.

From the makers of the Thermofocus® - the world's first non-contact thermometer protected by several international patents, this non-contact infrared thermometer from the Diaped range measures the temperature with excellent accuracy and is easy to use.



Features and Benefits:

- For clinician and patient use.
 - Safe and hygienic for use with multiple patients – no sterilisation or covers required.
 - The projection system indicates the correct reading distance
 - Measures and projects the temperature of objects, food, liquids (1 to 55°C / 33.8 to 131°F) and the skin, as well as the ambient temperature
 - 5 colours illuminated display
 - 9 memories, stores temperature readings for accurate comparison.
 - Precise measurements in any environment – warm or cold.
 - Can be used for both skin and open wound temperature measurements.
 - Accurate reading in less than 2 seconds.
 - Safety cap to protect lens and sensor.
 - Complies with infection control regulations, its ergonomic design allows for easy wipe cleaning.
 - Includes batteries (4 x AAA) and instruction manual.
 - No maintenance required - protect the guide light with its protective dust tight cap when the device is not in use.
- Complies with Medical Device Directive (93/42/EEC) ISO 13485:2016, ISO 9001:2005, EN 60601-1, EN 60601-1-2, EN 60601-1-6, EN 60601-1-11, UNI CEI EN ISO 14971: 2012

Code	Description
NV1021	Diaped Non-Contact Infrared Thermometer

The thermometer provides instantaneous digital reading of foot temperature without any contact with the body skin or mucosa. It does not use laser radiations - **it is safe and harmless.**

While other thermometers require disinfection after each use or need expensive hygienic and disposable covers, this digital thermometer does not. This advantage can result in significant savings in clinical environments and hospitals.

With each temperature measurement, the VisioFocus takes a series of 125 readings per tenth of a second. Its sophisticated micro-processor then amplifies and processes this information along with the room temperature and shows the correct temperature of the area through the projection. That makes it particularly suitable for hospital use, where room temperature can change from room to room, as well as in ambulances and in private practices.

Clinical Assessments:

Knowing the temperature of the feet helps monitoring the inflammation previous to foot ulceration and other complications of the diabetic or neuropathic foot as indicated by clinical evidence, by measuring the skin temperature of the sole of the foot.

Just bring the thermometer close to the foot, at the distance that the thermometer itself will tell you, so that the reading temperature will appear projected on the skin.

It has been indicated in many studies that a rise in temperature on the surface of the skin, is the earliest warning of a potential foot ulceration. Used in the diagnosis of Diabetic and Neuropathic Foot conditions (e.g. Neuropathic arthropathy or Charcot foot), the thermometer will scan the temperature of the foot allowing comparative tests within a specific area of the foot or leg. It will also allow you to test both feet, storing the data each time.



Clinical Evidence Research:

Lavery LA, Higgins KR, Lanctot DR, Constantinides GP, Zamorano RG, Armstrong DG, Athanasiou KA, Agrawal CM. Home monitoring of foot skin temperatures to prevent ulceration. *Diabetes Care*. 2004 Nov 27(11):2642-7.

Vanessa J Houghton, Virginia M Bower, David C Chant. Is an increase in skin temperature predictive of neuropathic foot ulceration in people with diabetes? A systematic review and meta-analysis. *Journal of Foot and Ankle Research* 2013, 6:31

Armstrong DG, Holtz-Neiderer K, Wendel C, Mohler MJ, Kimbriel HR, Lavery LA. Skin temperature monitoring reduces the risk for diabetic foot ulceration in high-risk patients. *American Journal of Medicine* 2007 Dec 120(12):1042-6.

Lavery LA, Higgins KR, Lanctot DR, Constantinides GP, Zamorano RG, Athanasiou KA, Armstrong DG, Agrawal CM. Preventing diabetic foot ulcer recurrence in high-risk patients: use of temperature monitoring as a self-assessment tool. *Diabetes Care*. 2007 Jan 30(1):14-20.