What does it do?
With TempTest® the heat and cold urticaria can be determined. Additionally the exact temperature triggering it for the individual patient can be stated. This characterizes the severity of the disease.

The Principle
The patient places the inner forearm on an aluminum stencil on the device for 5 minutes. The stencil applies a temperature range from 4° to 44°C continuously. After 10 more minutes, the wheals appearing on the arm are compared to the stencil and the threshold temperature is conveniently determined. The wheals can be marked on the stencil which can be stored in the patient file for medical documentation.

Fields of Application
Cold and heat contact urticaria are both forms of physical urticaria, in which by contact of the skin with temperatures below or above skin temperature, symptoms like itching, burning wheals, etc. will occur. Cold contact urticaria however is the more frequent type. Consuming ice cream or cold drinks or even the evaporative cool after sweating can induce reactions. Jumping into cold water or an infusion, as during anesthesia may end deadly. There is no general threshold temperature for the patients. It differs individually. The success of the treatment needs to be monitored constantly by determination of the trigger temperature. Therefore the TempTest® is a very important diagnostic instrument in the dermatological practice and in hospital.

Advantages
• Medical device class IIa.
• The determination of the triggering temperature with TempTest® is defined in the guidelines for inducable urticaria (EAACI/GA²LEN/EDF/WAO Guideline), as it is the only device with this performance.
• Each urticaria consultation has to undergo an audit based on the application of TempTest® for joining the worldwide accepted UCARE (Urticaria Center of Excellence and Reference).
• Can be used on adult and pediatric patients.
• Unwanted side effects are very uncommon.
• Once the patient knows the individual threshold temperature, symptoms can be avoided as far as possible by appropriate behaviour, clothes or skin protection products.

Technical Data
Dimensions: approx. 35.5 x 14 x 9.5 cm (L x W x H), Weight: approx. 1.7 kg
Power supply: 100-240 V, 50/60 Hz, Power consumption 1.5 -0.5 A, Fuse: T10AH250V, 5 x 20 mm
Protecting class IP21, protection rating 1, class IIa medical product, accuracy: +/- 2° C, operation temperature: 10-27°C, max. r.H.: 80%, storage temperature: -10-35°C
Technical changes may be made without prior notice.
Literature List - TempTest and Heat & Cold Contact Urticaria

- Magerl, M., Schmolke, J, Siebenhaar, F., Zuberbier, T., Metz, M., & Maurer, Acquired cold urticaria symptoms can be safely prevented by Ebastine. Allergy 2007: 62; 1465-1468.
- Krause, K., Spohr, A., Zuberbier, T., Church. M. K., & Maurer, Up-dosing with bilastine results in improved effectiveness in cold contact urticaria. Allergy 2013: 68; 921-928.