

Cellulite and Thermography

SPECIALIST SYSTEMS

High-resolution thermography systems for detecting the thermal aspects of cellulite and recording and storing thermograms. They guide specialists in choosing suitable anti-cellulite treatments.



THE SPECIALIST SYSTEMS rely on contact thermography to detect the thermal aspects of cellulite and classify it into its main stages (oedema, micronodules and macronodules). The systems belonging to the DGT and MAC series feature a special imaging system that allows accurate recording of thermograms for precise comparisons before and after treatment.

Each specialist system includes the new ITS – IDEAL THERMOPLATE SELECTOR, which helps users confidently and quickly choose which type of thermographic plate they should employ for an even more precise and reliable cellulite test.

Main characteristics

The thermographic plates supplied with the THERMO-CELL-TEST DGT system belong to the H.P.C.T. (High Performance Contact Thermography) category and allow precise identification of minimal skin temperature changes.

Two series of H.P.C.T. plates are available: a six-colour "screening" series and eight-colour "specific" series. Each series includes five plates with different thermal gradients. The digital camera offers numerous advantages:

- accurate colour resolution
- rapid, inexpensive imaging
- simple procedure for storing images in an electronic format, with the option of custom digital processing.

Who it is aimed at

Medical aesthetic specialists or professionals who require a precise and reliable scientific system that is quick to use.



THERMO-CELL-TEST DGT - with ND frame

Available models

THERMO-CELL-TEST DGT 3

Items included:

- painted aluminium frame for supporting the imaging system and thermographic plate
- digital camera – model OLYMPUS SP-310 (or advanced models) with its accessories
- three H.P.C.T. plates
 - size: 28 x 16 cm
 - temperature range covered by each plate: 4.8°C
 - six-colour temperature display

plate RW 28 ST : temperature range from 27.3 to 32.1°C

plate RW 30 ST : temperature range from 29.3 to 34.1°C

plate RW 32 ST : temperature range from 31.3 to 36.1°C

- carrying case for thermographic plates
- metal stand on wheels for positioning the unit after use
- assembly and operating instructions
- supporting scientific documentation
- poster for interpreting thermographic images

THERMO-CELL-TEST DGT 5

Items included:

- painted aluminium frame for supporting the imaging system and thermographic plate
- digital camera – model OLYMPUS SP-310 (or advanced models) with its accessories
- five H.P.C.T. plates
 - size: 28 x 16 cm
 - temperature range covered by each plate: 3.1°C
 - eight-colour temperature display

plate RS 28 ST : temperature range from 27.5 to 30.6°C

plate RS 29 ST : temperature range from 28.5 to 31.6°C

plate RS 30 ST : temperature range from 29.5 to 32.6°C

plate RS 31 ST : temperature range from 30.5 to 33.6°C

plate RS 32 ST : temperature range from 31.5 to 34.6°C

- carrying case for thermographic plates
- metal stand on wheels for positioning the unit after use
- assembly and operating instructions
- supporting scientific documentation
- poster for interpreting thermographic images



Carrying case for thermographic plates



THERMO-CELL-TEST DGT in use - with CL frame

Instant

THERMO - CELL - TEST **MAC**

Main characteristics

The thermographic plates supplied with the units belonging to the MAC series have the same characteristics as those supplied with the DGT line.

In this case, however, the camera supplied with the system is a sophisticated Polaroid permitting the thermographic image to be printed out immediately and handed right over to the customer or conveniently stored in the customer's file.

Who it is aimed at

Medical aesthetic specialists or professionals who prefer to record the thermographic result by means of an instant photo print.

Available models

THERMO-CELL-TEST MAC 2

Items included:

- painted aluminium frame for supporting the imaging system and thermographic plate
- Polaroid Image camera (or advanced models)
- two H.P.C.T. plates:
 - size: 28 x 16 cm
 - temperature range covered by each plate: 4.8°C
- six-colour temperature display

plate RW 29 ST : temperature range from 28.3 to 33.1°C

plate RW 31 ST : temperature range from 30.3 to 35.1°C

- assembly and operating instructions
- supporting scientific documentation
- poster for interpreting thermographic images

THERMO-CELL-TEST MAC 3

Items included:

- painted aluminium frame for supporting the imaging system and thermographic plate
- Polaroid Image camera (or advanced models)
- three H.P.C.T. plates
 - size: 28 x 16 cm
 - temperature range covered by each plate: 4.8°C
- six-colour temperature display

plate RW 28 ST : temperature range from 27.3 to 32.1°C

plate RW 30 ST : temperature range from 29.3 to 34.1°C

plate RW 32 ST : temperature range from 31.3 to 36.1°C

- carrying case for thermographic plates
- metal stand on wheels for positioning the unit after use
- assembly and operating instructions
- supporting scientific documentation
- poster for interpreting thermographic images

THERMO-CELL-TEST MAC 5

Items included:

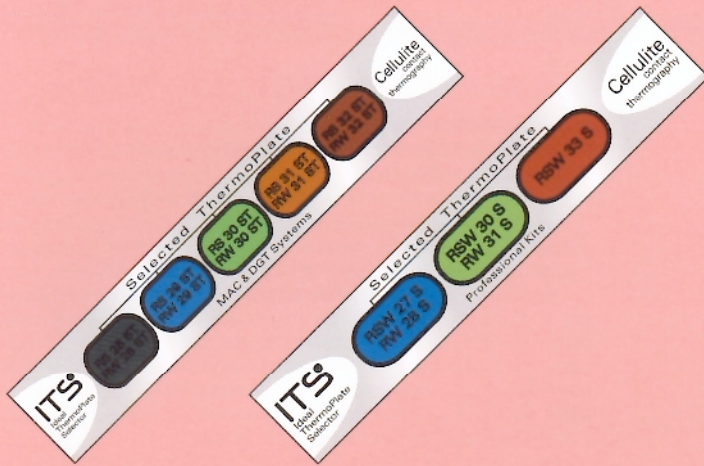
- painted aluminium frame for supporting the imaging system and thermographic plate
 - Polaroid Image camera (or advanced models)
 - five H.P.C.T. plates
 - size: 28 x 16 cm
 - temperature range covered by each plate: 3.1°C
 - eight-colour temperature display
- plate RS 28 ST : temperature range from 27.5 to 30.6°C
- plate RS 29 ST : temperature range from 28.5 to 31.6°C
- plate RS 30 ST : temperature range from 29.5 to 32.6°C
- plate RS 31 ST : temperature range from 30.5 to 33.6°C
- plate RS 32 ST : temperature range from 31.5 to 34.6°C
- carrying case for thermographic plates
 - metal stand on wheels for positioning the unit after use
 - assembly and operating instructions
 - supporting scientific documentation
 - poster for interpreting thermographic images



THERMO-CELL-TEST MAC in use - with CL frame

THERMO-CELL-TEST MAC - with ND frame

ITS® – Ideal ThermoPlate Selector



Choosing the right plate for thermographic screening has always represented one of the most problematic tasks even for the most highly expert professionals.

The new ITS – IDEAL THERMOPLATE SELECTOR – just recently developed – eliminates this problem for good by providing professionals with a fast, sure guide to choosing

the right thermographic plate.

By positioning the ITS system on the area you intend to examine you can find out, in just a few seconds, which plate among those available you should use to obtain the best thermographic results.

The ITS system is supplied with all professional-medical thermographic systems and kits.

SYSTEM FOR INTERPRETING THERMOGRAPHIC IMAGES

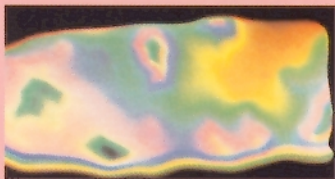
The thermographic plates provide different images to indicate the absence of cellulite and the three main stages of cellulite: OEDEMA (initial or soft cellulite), MICRONODULES and MACRONODULES (nodular or hard cellulite).

The system for interpreting thermographic images is based on scientific studies supported by biopsies of the tissues concerned and was developed in partnership with top experts in the skin beauty sector. It is covered by an international patent owned by IPS.



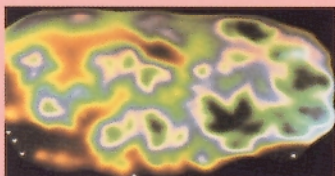
ABSENCE OF CELLULITE

The absence of cellulite (or normality) is characterised by an even distribution of skin temperature. The image appearing on the thermographic plate is **HOMOGENEOUS**



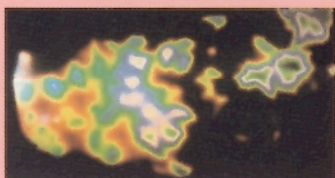
OEDEMA

The initial stage of cellulite is distinguished by the formation of OEDEMA (retention of liquid in tissues), as revealed by thermographic images showing **LARGE PATCHY AREAS**



MICRONODULES

The stage that follows oedema is characterised by the formation of MICRONODULES (a number of adipose cells joined together), which manifest themselves in the thermographic image as **SMALL CLEAR SPOTS** ("leopard skin" appearance).



MACRONODULE

When several micro nodules combine together, they give rise to a MACRONODULE, which is perceivable to the touch and painful when pressed. This stage of cellulite is reflected in thermographic plates by **LARGE BROWN OR BLACK AREAS** (image with "black holes").