

InfraPAK II



Versatile Standard Infrared Thermography System

Made In (QC)
Canada

Infrared Thermography for Non Destructive Testing and Quality Control. To detect defects such as sub-surface delaminations, porosity, damages, cracks in various materials including composites, plastics, metals, etc..



Example of Mounting in Reflection Mode: Heating and camera positioned on the same tripod with a precise geared head. Small sample placed on the tripod shelf with a 360-degree vice.



Example of Mounting in Reflection Mode: Overhung pulsed flash heating and camera arrangement enabling closer inspection



Example of Mounting in Transmission Mode: Sample placed on the floor, with camera and heating positioned upside down.



Vices and stands

Tripods and arms

Cooled IR Camera

Advanced Controller
cf. Brochure



Research
Studio
Software



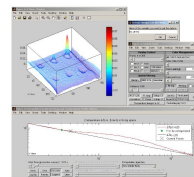
Digital
Heating Gun



Spotlights with
variable beam



Tripod mounted
plate to easily
support samples



NDT Processing
Software



Laptop



VISIOIMAGE
INFRARED THERMOGRAPHY
SYSTEMS FOR NDT

Features

Standard Active Thermography System for Non-Destructive Testing

Versatile setups for plate and non-planar sample inspection. Easily adjust heating excitation, camera, and clate holder in any position. Effective on composite materials: aerospace, navy, windmill, bikes, etc.

Suitable for R&D applications, training, demos, and small-scale production. Basic automation features utilizing a Telnet protocol.

Standard heating excitation: halogen in step, pulse, or lock-in signal. Xenon flash optional. Modes in transmission or reflection.

Package Includes (All Items Optional): 1x Tripod for Camera with Geared Head, 1x Infrared Camera (Various Models available) and Acquisition Software, 1x Digital Heating Gun, 2x Tripods with Articulated Arms for Halogen and/or Flash Heating, 2x Variable Beam Halogen Heating 1kW Each, 1x IRT / Controller / Dimmer 2.3/3.5kW, 1x Tripod Shelf, 2x Precision Vices 360o, 2x Precision Small Square Vices to Clamp the Samples for Inspection, 1x IR View NDT Software for IRT Post Processing, 1x Laptop



Various models of IR cameras can be provided and integrated within this package. Cameras are available in sizes ranging from 640x480 to mega pixels, with options for cooled or uncooled, fixed, industrial, or handheld models. Please consult with us for the list of supported camera models.



Pulsed flash heads and generators, 6kJ each, capable of daisy-chaining, or induction heating can also be used



Training and support in French / English / Spanish

Options



Contact



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