



Product Brochure — Non Contact Automated Thermal Monitor

TECH VENTURES PVT.LTD.

Product Brief —

AVENIR had engineered niche line of propitiatory product range using FLIR's open protocol equipments on third party protocols and systems. The solutions are used in food , pharmacy, automotive & other process industry where the temperature is critical and important to be monitored. Using FLIR A series thermal camera , our solution makes complete solution for thermal monitoring & management in 24x7 environment. Our solutions are in place for die casting industry, electronics product validation, food processing, pharmaceuticals & thermal behaviour analysis in 24 x 7 environment.

We had case-study of such solutions for India Railway in collaboration with RDSO, its being used for overhead catenaries inspection for 25kV HT inspection. Its working with Maruti Suzuki die casting plant , electronics automotive industry & defence projects for thermodynamic study in jet aircraft applications.

Useful For—

R&D units
Prototype testing
Product evaluation

In-Process inspection

Trial & Validation of all
electrical, electronics &
mechanical systems

-No physical wiring
-No additional H/W
-In line of sight
measurement

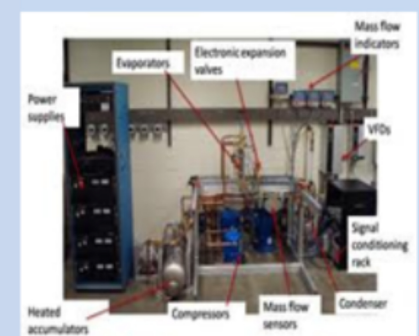
-For open or closed
experiment
-Unlimited selection of
points
-Multiple features of
log trigger
-Video files available
with log
-Different report option
like table ,graph and
picture
-Quick report extraction

I Need to do thermal testing



BUT Afraid of—

- Big panel type data logger
- Server machine
- Many analog to digital converter card
- PT100 or other sensors
- Wiring and wire jungle all around
- Wiring failure
- Problem of marking



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