

# ThermaCAM<sup>®</sup> DataBase

EXPORT, QUERY AND ARCHIVE  
DATA FROM INFRARED REPORTS  
CREATED BY THERMACAM<sup>®</sup>  
REPORTER WITH EASY-TO-USE  
THERMACAM<sup>®</sup> DATABASE



## Archive, Query and Organize Infrared Inspection Data

Export data from infrared reports created by ThermaCAM<sup>®</sup> Reporter<sup>™</sup> software with FLIR's ThermaCAM<sup>®</sup> DataBase program. Automatically transfer data and eliminate the tedium associated with manually entering thermal data into an independent, stand-alone database. Organize IR inspection reports easily into a database file and eliminate the need to manually archive reports and images using elaborate and complex file folder structures. Instead of creating a folder on your computer for each survey, you can store all the reports in a single folder and use DataBase to quickly and easily find specific reports or images.

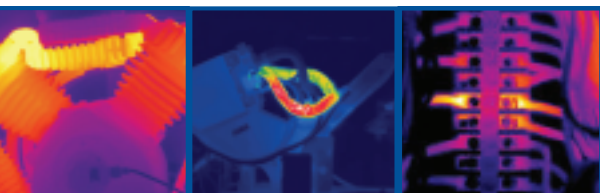
## Powerful Query Function

Once exported, the data can be searched using a variety of powerful query parameters in the ThermaCAM DataBase program. Select the report or image data you want to analyze and query to meet your individual inspection requirements. One click will run the query and return the specific images or reports that match your query criteria. You can perform another query on the results, save the existing query, or open an image or report easily from the DataBase program.

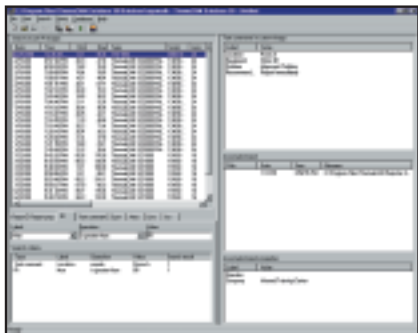
## Easy-to-Use

Display all the IR images that have been exported to the DataBase, regardless of what report they are originally from. Easily find a specific image, or a series of images, using the query tools. Once you run a query, you can save it and then simply open that query again in DataBase to re-apply it.

You can also create reports with saved queries using ThermaCAM Reporter. Select the query you want to report on (instead of manually selecting images) and only those images matching that query will be imported into the new report. When combined with the Trend Template in ThermaCAM Reporter, you can easily monitor changes in temperature over several weeks or months.



- Export data from ThermaCAM<sup>®</sup> Reporter<sup>™</sup> into a DataBase file
- Query on text comments, report, and/or IR image properties
- Easily save and recall queries
- Create a report from query results with ThermaCAM<sup>®</sup> Reporter<sup>™</sup> or Reporter<sup>®</sup> 7 PRO
- View images and reports from within the DataBase program
- Microsoft<sup>®</sup> Access-compatible .mdb database file
- Open DataBase Connectivity compliant (ODBC)



ThermaCAM DataBase allows you to archive report data, monitor critical equipment, track component behavior, trend over time, predict failure(s) and access historical data.

Search result: IR Images

Date	Time	Min	Max	Type
12/7/00	1:23:43	13.1	66.8	IRV 5
2/16/00	6:57:46 PM	20.3	47.0	Therm
2/16/00	6:59:29 PM	19.8	76.0	Therm
2/16/00	7:00:09 PM	18.4	39.5	Therm
2/16/00	7:00:51 PM	10.7	48.4	Therm
2/16/00	7:01:51 PM	20.1	67.7	Therm
2/16/00	7:02:23 PM	20.8	70.3	Therm
2/16/00	7:03:40 PM	18.5	30.2	Therm
2/16/00	7:04:46 PM	21.1	32.6	Therm
1/16/00	7:15:32 PM	20.5	45.5	Therm
1/16/00	7:16:07 PM	20.5	42.1	Therm

Search by image

Report	Report prop.	IR	Text comment	Spot	A
Label:	Operation				
Max	is greater than				
Search criteria					
Type	Label	Operation			
Test comment	Location	equals			
IR	Max	is greater than			

Powerful query tools allow users to identify equipment at critical temperatures.

**Infrared Training Center**

Location	Room A
Equipment	Motor #1
Problem	Alignment Problem
Temperature @ Focus (max) (°K)	32°C
Room condition	Repair in progress

IR Information

IR Information	None
IR Focus/Zoom	12.000
IR Field of view	10.000/10.000
IR Contrast	7.00/100
IR Object position	None
IR Distance	0.00
IR Ambient temperature	16.2°C
IR L1	None
IR L2	20.0°C
IR L3	20.0°C

Comments:

- THERMACAM DATABASE QUERY OPTIONS**
- Report date/time
  - Report properties
  - Image information, camera parameters
  - IR text comments
  - Analysis data
  - Single or chained queries

Text comments in current image

Label	Value
Location	Room A
Equipment	Motor #1
Problem	Alignment Problem
Recommend...	Repair Immediately

DataBase allows you to search by Reporter text comments.

Search result: Reports

Title	Date	Time
	1/17/01	3:58
ITC Survey	3/16/00	7:10
ITC Survey	3/16/00	7:31
Infrared Survey	8/23/00	7:15
Infrared Survey	8/23/00	7:09

Search by reports.

Query against data stored in ThermoCAM Reporter.



1-800-464-6372  
[www.flirthermography.com/database](http://www.flirthermography.com/database)

**FLIR SYSTEMS, BOSTON**  
 Americas Thermography Center  
 16 Esquire Road  
 North Billerica, MA 01862  
 Telephone: +1 (978) 901-8000  
 Toll Free: +1 (800) GO-INFRA

**FLIR SYSTEMS, AB**  
 Worldwide Thermography Center  
 Rinkebyvagen 19  
 SE-182 11  
 Danderyd, SWEDEN  
 Telephone: +46 (0) 8 753 25 00

**FLIR SYSTEMS, LTD**  
 5230 South Service Road, Suite 125  
 Burlington, ON L7L 5K2  
 CANADA  
 Telephone: +1 800 613 0507