

## HI-TECH THERMIC FLUID HEATER MONITOR

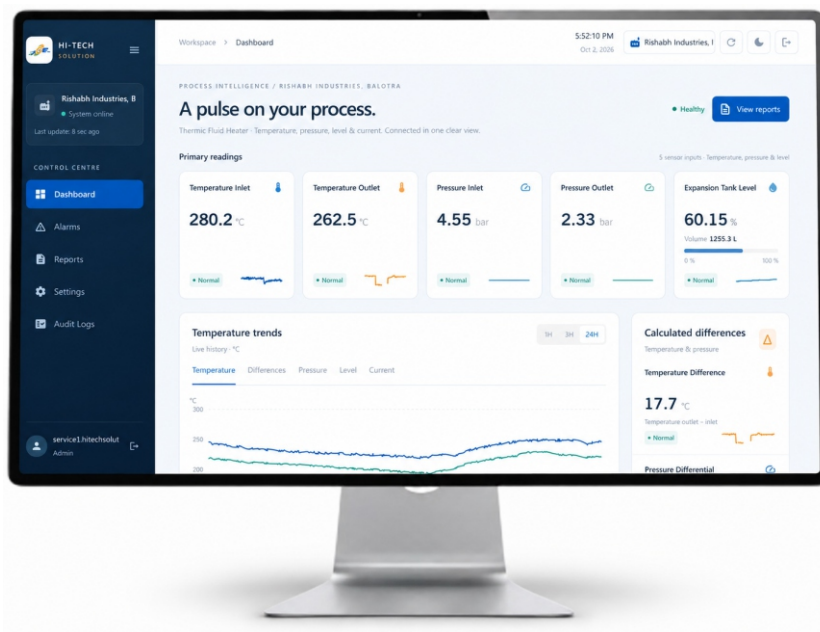
# DETECT HEATER PROBLEMS BEFORE SHUTDOWNS

PROTECT THERMIC FLUID - SPOT WASTED FUEL EARLY

### EARLY WARNING. CLEAR ACTION. THIRD PARTY SUPERVISION

Overheating, poor circulation and changing operating conditions can lead to downtime, equipment stress and thermic fluid degradation. TFH Monitor gives your team live visibility, instant email alerts and practical alarm guidance to help detect problems early and respond with confidence.

Monitor your heaters remotely, track system behaviour and keep a complete record of alarms and events—so important issues stay visible and actionable.



### ACTUAL TFH MONITOR DASHBOARD - LIVE OPERATING VIEW

#### Help prevent downtime

Catch pressure, temperature and pump-current abnormalities early, before problems escalate.

#### Protect thermic fluid

Identify overheating, circulation concerns and low tank levels that can stress the fluid.

#### Spot potential fuel waste

Use chimney and draft-temperature trends to investigate heat loss, fouling and combustion changes.

**Book a live demonstration**

See TFH Monitor in action in five minutes.

**9191660 - 98981**

# KNOW WHAT TO DO WHEN AN ALARM ARRIVES.

## CLEAR GUIDANCE FOR EVERY ALARM

### What changed

- 1 See the reading, set limit, alarm level and time.

### Possible Causes

- 2 Understand what may have caused the problem.

### What to Check

- 3 Follow a short list of checks before taking action.

### What to Do

- 4 See the suggested steps and who needs to attend.

### Run or Stop?

- 5 Follow your plant's approved instructions to continue or stop.

### Action Record

- 6 Record who acknowledged it, the action taken and the result.

## USEFUL INFORMATION FOR DAILY WORK

### Daily Plant-Health Report

One email with running hours, highest temperatures and pressures, alarm status, offline time, tank level, pump issues and chimney/draft observations.

### Maintenance Reminders

Plan fluid tests, filter cleaning, pump checks, burner service, tank inspection and sensor calibration by date or running hours.

### Compare with Normal Operation

Use the normal readings recorded during commissioning as a baseline. Spot gradual changes under similar operating conditions.

### Connection Status

See the last data received, gateway status and sensor connection issues. Get an offline email alert. Stored-data upload after reconnection depends on the hardware.

## UNATTENDED ALARMS GET FOLLOWED UP

Set reminders and alerts to managers. If an alarm is not acknowledged within 24 hours, our support team calls your nominated person with the recommended next steps.

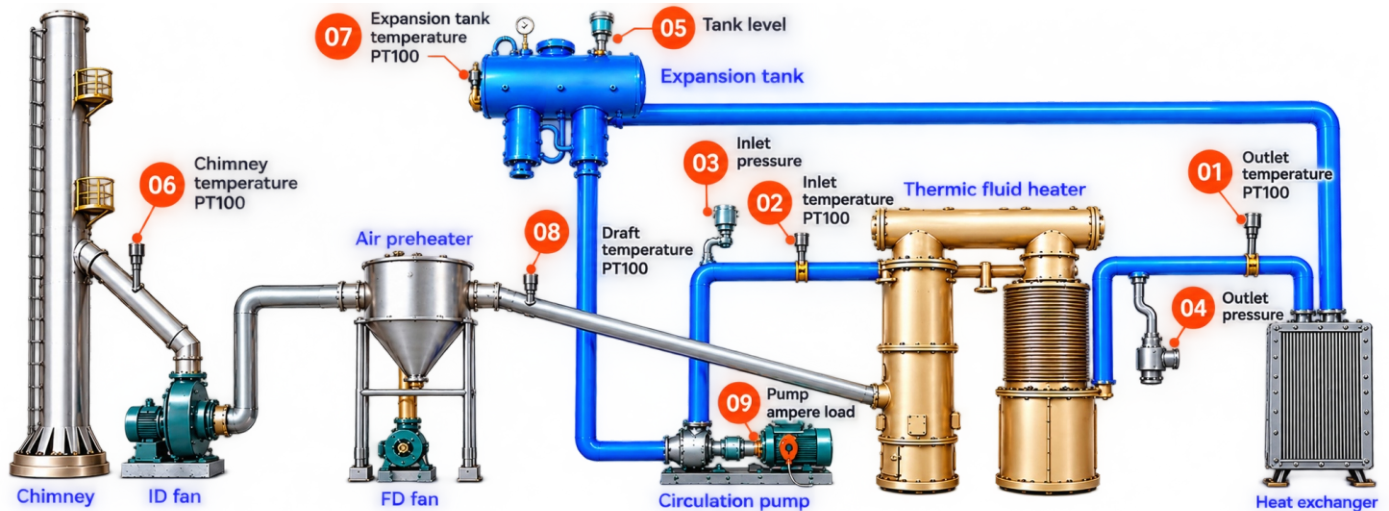


INSTALL, SUPPORT AND PRICE

# A CLEAR PACKAGE FOR YOUR PLANT

## WHAT THE SYSTEM MONITORS DIGITALLY

Inlet/outlet pressure and temperature, expansion-tank temperature and level, pump current, chimney/draft readings and agreed process signals.



### Warranty and Support

Three year sensor warranty, One year online dashboard access and support. Our team helps with alarm setup, dashboard use and remote troubleshooting.

### COMPLETE MONITORING PACKAGE

Includes, HMI, PLC, 5 high accuracy RTD PT100 sensors, 2 pressure transmitters, level sensor and cables.

Renewal: ₹1,500+GST/month or ₹15,000+ GST/year.

## ₹ 3,00,000 + GST

### BOOK A LIVE DEMONSTRATION

See a live dashboard, an alarm and the suggested checks in a five-minute demo.

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# Your Questions, Answered

## 1 How does TFH Monitor help?

Spot heater problems early, protect thermic fluid and check possible fuel waste using remote live readings, warnings and action records.

## 2 What does it monitor?

Inlet/outlet pressure and temperature; expansion-tank temperature and level; pump current; chimney/draft.

## 3 What does an alarm show?

What changed, possible causes, checks and recommended action under your plant's approved procedures; plus who acknowledged it.

## 4 What if an alarm is not acknowledged?

After 24 hours without acknowledgement, our support team calls your nominated person with recommended next steps.

## 5 What reports and reminders are available?

Daily emails cover running hours, peak readings, alarms, offline time and key issues. Set maintenance reminders by date or running hours.

## 6 What if connectivity is lost?

See gateway status, sensor connection issues and last data received; get offline email alerts.

## 7 Can it work with existing heaters?

Yes, new or existing. we use compatible 4-20 mA transmitters, PT100 RTDs, RS485 meters and level sensors after compatibility checks.

## 8 How long does installation take?

Normally one working day, including commissioning, at a prepared site. Suitable connections usually avoid draining or shutdown. Requirements are confirmed before work.

## 9 What must our plant provide?

Site access, power, mounting points, normal tools and a nominated representative. Share heater and existing instrument details to confirm the installation scope.

## 10 Can we monitor several heaters?

Yes. One account can cover multiple heaters or sites digitally with separate dashboards. Admin, Operator and Viewer roles control access. but each heater requires its own monitoring panel.

## 11 What does the package include?

Digital sensors, panel, 100m of shielded cable, 100m of 3 core cable, installation and commissioning.

## 12 What warranty and support are included?

Three years sensors warranty; first-year online dashboard access and support for alarm setup, dashboard use and remote troubleshooting.

## 13 What are the price and renewal charges?

One-time: ₹3,00,000 + GST.

Renewal: ₹1,500+GST/month or ₹15,000 + GST/year.

## 14 Can we see a live demo?

Book a five-minute live demo of the dashboard, an alarm, checks and action record. Discuss your heater and installation needs.

