

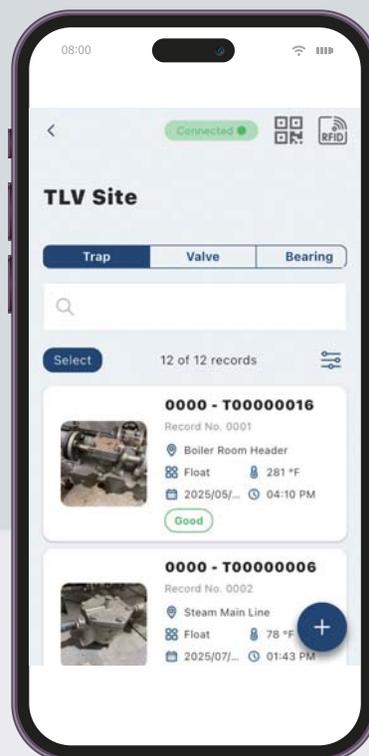
TLV[®]

Pocket TrapMan[®]

PT3

- Surface Temperature / Sound / Vibration Measurement
- Automatic Judgment of Steam Traps and Valves
- Intrinsically Safe

NEW



All-In-One Tool for Daily Inspections, Wherever the Job Takes You

Automatically diagnose steam trap and valve operation,
inspect bearings and a range of equipment.

Tag and manage locations, record and share custom
inspection data in one simple workflow.

Certified for safe use in hazardous areas.



Identify Assets
with Tags



Inspect Assets
and Log Data



Create Reports
in Mobile App



An all-in-one inspection tool for measuring surface temperature, sound, and vibration. Designed to support reliable daily inspections in a wide variety of industrial environments.

Intrinsically Safe

Surface Temperature Measurement



Accurately measures the surface temperature of equipment or piping using a contact sensor.

Measurement range : - 40 to 662°F

Audio Monitoring



Provides real-time audio monitoring of operating sounds via Bluetooth earphones.

*Audio is not recorded or stored.

Vibration Measurement



Measures vibration at bearings of rotating machinery, results displayed in decibels (dB).

Measures by shock pulse (32 kHz)

Asset Tagging

Easily tag assets and scan RFID tags or QR codes* to streamline inspection routes and maintain consistency.

* With the dedicated CMRecorder app.



[View Detailed Specifications](#)



Applications

Surface temperature, vibration, and ultrasound data enable inspection of a wide range of plant equipment.

Valve Leakage Condition Assessment



Diagnoses internal leakage in valves installed on steam and air lines.

Judgment results

Good / Caution / Leaking

Steam Trap Condition Assessment



Automatically judges the operating status of steam traps.

Judgment results

Good / Caution / Leaking / Blocked / Abnormally Low Temperature / High Temperature Failure / Low Temperature Failure

Rotating Equipment Condition Monitoring



Measures vibration of rotating equipment such as pumps and enables early detection of abnormal conditions.

Displayed values

Peak value / Average value / Crest Factor (CF)

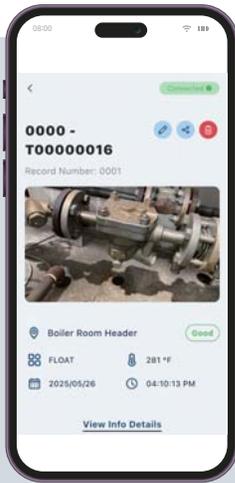
Note: Results vary by trap type and manufacturer.

Smart Data Management for Daily Inspections



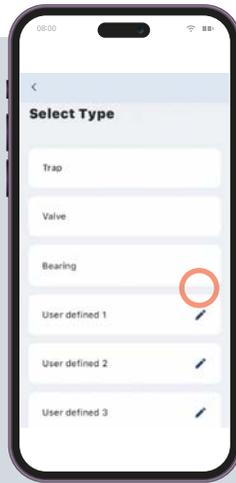
CMRecorder™
Condition Monitoring Recorder

Manage and share inspection data seamlessly with the CMRecorder app. PT3 wirelessly transfers inspection data to CMRecorder, where it is securely stored and easily converted into clear, professional reports for informed maintenance decisions.



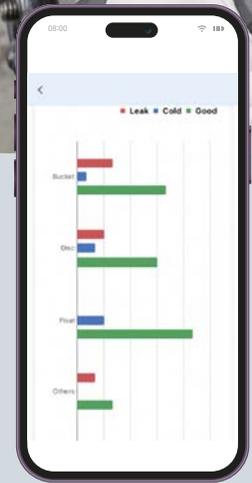
Capture every detail that matters

Go beyond raw measurement data. Store field photos, operating conditions, pressure, location, and comments with each inspection record.



Custom fields to match your site

User Defined fields give you the flexibility to define up to 3 custom inspection targets to match your site's equipment layout and inspection routes.



From raw data to actionable reports

Inspection results are automatically aggregated into clear reports and exported in CSV or PDF format for easy sharing, management, and analysis.

Get CMRecorder

For details about the app and download instructions, please visit our website.

Download Here

Compatible with iOS / Android



To avoid abnormal operation, accidents or serious injury, DO NOT use this product outside of the specification range. Local regulations may restrict the use of this product to below the conditions quoted.

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Manufacturer
TLV CO., LTD.
Kakogawa, Japan
is approved by LRQA Ltd, to ISO 9001/14001

ISO 9001
ISO 14001

