

P-SQR's Calibration Field Experience:

With nearly 20 years of hands-on experience in calibration lab software development, P-SQR has been providing calibration software solutions to many of the STQC labs, NABL accredited labs, plant instrumentation labs and even some of branded calibrator manufacturers.

Proven Success:

Our lab Calibration Management Software **SoftLAB** is being used in high-performance organizations such as ETDC, FCRI, L&T, Voltech, Other NABL Labs PAN India. **CalTrack** is being used in automotive plants largely.

CalTrack - Plant Gauge Management Software designed to meet out complete device (Gage) management solution along with Calibration process. It Keeps total information on each plant device about every instrument activity like installation, movement from stores or in between locations, calibration activity, device history, error analysis trend, MSA inspection and etc..

CalTrack (Version 2.0.0) - Highlighted Features:

- [Authenticated Login](#)
- [Plant Hierarchy View Display](#)
- [Graphical / Data View Count & Status Display](#)
- [Calibration Due / Over Due Reminder](#)
- [Customized Filtered Search](#) using various parameters for easy finding of a plant device
- [Device History Library](#) for each plant device.
- [Customized Device Settings](#) for all plant devices.
- [Device Maintenance / Movement History Module](#)
- [Color Code](#) for Due, Over Due, Completed, Scrap Devices
- [E-mail Module](#) for sending mail alerts to in-house device departments.
- [Automatic Over Due E-Mail Alerts – Daily](#)
- [Automatic E-mail Alerts for Each Month Calibration Plan](#)
- [Provision for External Calibration Details, MSA Inspection Details.](#)
- [Facility to Interface with SoftLAB – Calibration Management Software](#)



CalTrack Highlighted Modules

Calibration Due Tracker Module	Device History Module	Device Information Module	E-mail Alerts Module
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CalTrack completely eliminates

Searching Time for Locating Device	Manual Due Checking	Assorted File Handling	Communication Gap between Calibration Process and Work Place
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Dedicately Designed for Plant Gauge Management



CalTrack 2.0.0 Calibration Management & Device Tracker Software - [logged in: Gopal]

Search Device Search By Instrument ID

Version 2.0.0

Plant Hierarchy View

- UNIT 1
- UNIT 2
- UNIT 3
- UNIT 4
- UNIT 5
- STORES
- DEPT
- QC LAB

Device Counts on Device Status

Total	375
In Use	296
Under Service	6
Scrap	52

Device Counts on Calibration Status

Cal Due	6
Over Due	223
Approved	1
Rejected	0
No Due	65

CalTrack 2.0.0 Calibration Management & Device Tracker Software - [logged in: Gopal]

Search Device Search By Instrument ID

Version 2.0.0

Plant Hierarchy View

- UNIT 1
- UNIT 2
- UNIT 3
- UNIT 4
- UNIT 5
- STORES
- DEPT
- QC LAB

Device Counts Cards By Device Status

Total Devices	Tot. In Use Devices	Tot. Under Service	Tot. Scrap Devices
375	296	6	52

Devices @ Stores

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Device Counts Cards By Calibration Status

Cal. Due Devices	Over Due Devices	Apprv. Dev Rej. Dev	No Due Devices
6	223	1 0	65

Additional Alerts

Cal Gauges	SC Gauges (MSA)	CC Gauges (MSA)
0	0	0

CalTrack 2.0.0 Device Tag ID: 0372 - Instrument Name: MICROMETER

Search by Instrument ID

INSTRUMENT ID: 0372 - MICROMETER

INSTRUMENT POSITION: INSTRUMENT DETAILS

Plant Name: Dept: Prod

Sub Location: User: Ravi

Process (Facility): Current Device Status: Marking

Equipment (Machine): Date of Purchase: 27/02/2021

Category: INSTRUMENTS

INSTRUMENT ACTIVITY HISTORY (PERIOD - Till Date)

Sl No	Activity	Date
1	Ready Installed	04/11/2021

CalTrack 2.0.0 Device Tag ID: 00050 - Instrument Name: MICROMETER

Search by Instrument ID

INSTRUMENT ID: 00050 - MICROMETER

INSTRUMENT POSITION: INSTRUMENT DETAILS: INSTRUMENT PEFORMANCE: CALIBRATION MASTER: CALIBRATION RESULTS: REPORT DETAILS

Cal. Recv Date: 31.01.2021 Parameter Name: LENGTH

Cal. Condition: Good

Sl No	Nominal Value	Obs. Value (1)	Obs. Value (2)	Obs. Value (3)	Obs. Value (4)	Obs. Value (5)	Obs. Value (Avg)	Error	Permissible Error ±	Remarks
1	0.88	0.90	0.88	0.81	0.90	0.88	0.88	0.002	0.004	Pass
2	2.50	2.56	2.50	2.50	2.50	2.50	2.50	0.002	0.004	Pass
3	5.10	5.10	5.10	5.10	5.10	5.10	5.10	0.002	0.004	Pass
4	7.70	7.70	7.70	7.70	7.70	7.70	7.70	0.002	0.004	Pass
5	10.30	10.30	10.30	10.30	10.30	10.30	10.30	0.002	0.004	Pass
6	12.90	12.90	12.90	12.90	12.90	12.90	12.90	0.000	0.004	Pass

Uncertainty of Measurement (at 95.4% confidence level, k = 2) is

PERIODICAL DEVICE HISTORY

Sl No	Cal. Date	Next Cal Due	Calibrated By	Approved By	Parameter	Result Status	Max. Dev. Found	E-Value Component
1	31/01/2021	30/01/2022	Ravi	GCP, STD	LENGTH	Pass	0.004	
2	30/07/2019	31/01/2021	Ravi		LENGTH	Pass	0.002	

CalTrack Adoptable to All Kinds of Plant Environments



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