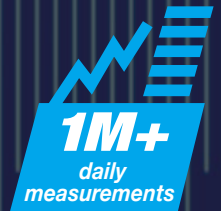


LabkoNet[®]

www.labkonet.com



Real-time
data management
in the cloud



- Manage centrally multiple sites
- Activate measures at exactly the right time
- Save on costs

Measures for a better tomorrow

 **Labkotec**
INDUTRADE GROUP

LabkoNet is a remote monitoring service for measurement, visualisation and data transfer. It is a mobile solution that makes up-to-date measurement data accessible anytime and anywhere.

Visualize measurement data centrally for your use

Reliable and clearly presented measurement data expedite work and helps make the right decisions. The service combines data, time, place and people so that you can focus on developing your operations.

Reliable and clearly presented measurement data expedite work and helps make the right decisions.

Level
Infra
Waste

SaaS (Software as a Service) enables:

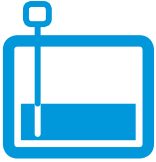
- Minimum investment costs
- Very fast deployment
- Software and information security always up to date

Benefit from the know-how of a measurement device manufacturer

With experience spanning more than 60 years, we have designed data-secure technology to withstand the most demanding conditions, scale to your needs and provide user-specific services.



- Activate measures in a timely manner
- Improve logistics and distribution chains
- Manage centrally multiple sites
- Save on costs
- Protect the environment



Sensors collect measurement data on the site.



Data is stored and processed in the LabkoNet cloud.



The site's filling levels, alarms and measurement values are displayed as clear graphs spanning the desired period. Active alarms are shown on a map.



Measurement data and forecasts can be used to plan work flows and predict and streamline operations.



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Packed with smart features

- Field-specific standard reports and reports customised to specific needs
- SMS and e-mail alarms
- Choice of five languages
- Device register for inputting actuator details and maintenance instructions
- Digital memo to help verify inspections
- Monitor and locate moving or movable targets directly on the map
- Can be connected to your current systems through APIs



LabkoNet Frontpage Sites Alarms Reports

Overview

- AB Chemicals Ltd
- Neutra
 - Level Inventory 1
 - LID
 - Oil company
 - Water tkt

Oil company

Petrol station 1

Measuringpoint	Measuringsubject	Comment	Updated	Value	Status
Tank 1	Volume		11.06.2017 9:05 AM	134011	
Tank 2	Calculated consumption	95E10	11.06.2017 9:05 AM	0	
Tank 2	Volume	98E5	11.06.2017 9:05 AM	64566	
Tank 3	Calculated consumption	98E5	11.06.2017 9:05 AM	-0.041	
Tank 3	Volume	98E5	11.06.2017 9:05 AM	71221	
Oil separator	Calculated consumption	Diesel	11.06.2017 9:05 AM	144.568	
Oil separator	Oil layer	Diesel	11.06.2017 9:05 AM	OK	
Double wall tanks	Level		11.06.2017 9:05 AM	OK	

Petrol station 2

Measuringpoint	Measuringsubject	Comment	Updated	Value	Status
Tank 1	Volume		11.03.2017 8:41 PM	192538	
Tank 2	Volume		11.03.2017 8:41 PM	64.461	
Tank 2	Calculated consumption	95E10	11.03.2016 2:38 PM	16781	
Tank 3	Volume		11.03.2016 2:38 PM	0	
Tank 3	Calculated consumption	98E5	11.03.2017 8:41 PM	192538	
Tank 4	Volume		11.03.2017 8:41 PM	64.461	
Tank 4	Calculated consumption	98E5	11.03.2017 8:41 PM	108011	
Oil separator	Calculated consumption	Diesel	11.03.2017 8:41 PM	28.721	
Oil separator	Oil layer	Diesel	11.03.2017 8:41 PM	OK	
Grease separator	Grease layer		11.03.2017 8:41 PM	OFF	

Site: All sites

Type

- Measurement alarms
- System alarms

Show alarms

Status	Site	Measuring
▲	Orivesi	Storagetar
▲	Petrol station 2	Labcom 80
▲	Inkoo	Tank 1 TE2
▲	LID-3300IP	LID-3300IP
▲	Pump station 03	Alarms
▲	Pump station 03	Pump well
▲	Pump station 03	Alarms
▲	Pump station 03	Alarms
▲	Pump station 03	Pump 1
▲	Pump station 03	Pump 2
▲	Inkoo	Tank 3 EP2
▲	Inkoo	Tank 3 EP2
▲	Petrol station 2	Tank 2 95E
▲	Inkoo	Tank 2 PP1



Mobile - Pad - Laptop - Desktop

Support, training
and maintenance



- Customer support with your desired response time
- Training according to your needs
- Outsourced maintenance – we perform platform configurations and updates for you
- We offer field-specific expertise, the know-how of a measurement device manufacturer and the support of a product developer

LabkoNet Frontpage Sites Alarms Reports

Overview

AB Chemicals Ltd

Level Inventory 1

Start date

End date

Status

Active

Deactivated

Acknowledgement

All

Only acknowledged

Only unacknowledged

point/Device	Description	Started	Ended	Acknowledged user
3 EP750	Volume Order limit	11/04/2017 9:37 AM	ACTIVE	Acknowledge
00	Line disconnected	11/04/2017 6:30 AM	ACTIVE	Acknowledge
10	Amount Order limit	11/03/2017 8:58 AM	ACTIVE	Acknowledge
+	Line disconnected	10/22/2017 5:20 PM	ACTIVE	User, Demo 11/01/2017 12:00 PM
	Battery voltage	08/24/2017 10:53 AM	ACTIVE	User, Demo 11/01/2017 12:00 PM
	Level Alarajahályys	08/24/2017 10:53 AM	ACTIVE	User, Demo 11/01/2017 12:00 PM
	Power supply Power cut	08/24/2017 10:51 AM	ACTIVE	User, Demo 11/01/2017 12:00 PM
	Protection alarm Alarm	08/24/2017 10:51 AM	ACTIVE	User, Demo 11/01/2017 12:00 PM
	Starts Ei pumppausta vuorokautteen	08/23/2017 6:00 AM	ACTIVE	User, Demo 11/01/2017 12:00 PM
	Starts Ei pumppausta vuorokautteen	08/08/2017 6:00 AM	ACTIVE	User, Demo 11/01/2017 12:00 PM
50	Amount Alarajahályys	12/21/2016 2:46 PM	ACTIVE	User, Demo 11/01/2017 12:00 PM
50	Amount Order limit	12/21/2016 1:34 PM	ACTIVE	User, Demo 12/01/2016 10:43 AM
10	Volume alarm on 0	10/30/2016 3:23 PM	ACTIVE	User, Demo 12/01/2016 10:43 AM
25	Amount Low level alarm	01/22/2016 1:33 AM	ACTIVE	User, Demo 03/02/2016 10:52 AM

Inkoo Factory

Measurements Notebook Devices Communication devices

Tank 1

Amount

TS210

Amount: 27.96 m3

Low level alarm: 16 m3

Order limit: 35 m3

High level alarm: 49 m3

Lowest: 12.2m3 (10/23/2017 1:50 PM), Highest: 45.7m3 (10/28/2017 7:00 AM)

Calculated consumption

Tank 2

Amount

PP125

Calculated consumption

Tank 3

Amount

EP750

Calculated consumption

EP750

LabkoNet® Level

Optimise industrial processes and distribution chains

5000+
tanks under monitoring

Typical applications

- Process industry
- Food industry
- Water utility companies
- Agriculture
- Movable tanks

LabkoNet Level helps keep raw material tanks at a suitable level, streamline logistics, improve delivery reliability and safety, and protect the environment.



LabkoNet® Infra

Keep systems up and running and protect the environment

2000+
sites

Typical applications

- Pumping stations
- Analysis and flow measurements
- District heating wells
- Groundwater measurements
- Leachate measurements

LabkoNet Infra monitors flow rates and helps keep networks, wells and pumping stations in operation. The service ensures that failed devices and impurities are detected, and systems are maintained based on needs.



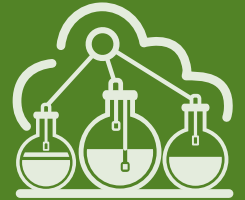
LabkoNet® Waste

Manage waste oil
and grease efficiently

Typical applications

- Fuel stations
- Restaurants
- Industrial facilities

LabkoNet Waste monitors separator operation at fuel stations, industrial facilities and restaurants. You can easily manage waste oil and grease, improve occupational safety, protect the environment and fulfil the requirements of the authorities.



LabkoNet®

Smart data monitoring, anytime, anywhere





Measures for a better tomorrow

Labkotec is a market-leading measurement equipment manufacturer, and related services provider. Our mission is to provide sustainable measurement solutions which help our customers to enhance their business, reduce risks and protect the environment and people.

Labkotec's comprehensive export product range comprises alarm devices for oil and grease separators, a wide range of level switches and measurements, ice detection systems, as well as LabkoNet cloud service for remote on-site monitoring of measurement data and alarm information.

Sustainable competence

We are committed to sustainable business, and in our own operations, sustainability is built around three key elements: people, environment and sustainable growth.

We provide sustainable measurement solutions which help our customers not only to protect the environment and people, but also to save energy, water and materials and reduce CO₂ emissions. We work systematically through continuous improvements and the efficient use of materials and resources to minimize the emissions and waste.



Measures for a better tomorrow



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