



Your Trusted Partner in Laboratory, Automation & Technology Solutions

Advanced Solutions for Laboratory Analysis, Industrial
Automation & Digital Integration



Teknoklop stands as a premier provider of comprehensive industrial laboratory, chemical, and high-tech solutions in Indonesia. We empower our customers across various industrial sectors by delivering cutting-edge analytical instruments, automation systems, and digital platforms.

With deep expertise spanning laboratory instrumentation, industrial automation, and information technology, we offer end-to-end solutions—from instrument supply and system integration to after-sales service and technical support. By maintaining compliance with ISO 9001 and ISO 30141 standards, we demonstrate our strong commitment to quality excellence and robust IoT architecture in all of our products and services..

Our Vision

To become Indonesia's leading distribution and production company for laboratory equipment, automation instruments, and IT solutions, distinguished by exceptional after-sales service and customer satisfaction.

Our Mission

Research & Development Excellence

We invest continuously in R&D to develop innovative solutions that address evolving industry needs and adapt global technologies for local applications.

Fast & Optimal Service Delivery

We prioritize rapid response times and optimal service quality, ensuring minimal downtime and maximum productivity for our clients.

Technology Innovation Leadership

We stay ahead of industry trends, continuously integrating the latest technological advancements into our product portfolio and service offerings.

Trust-Based Long-Term Relationships

We build enduring partnerships founded on reliability, transparency, and mutual success, becoming a trusted advisor to our clients.

Milestones

2019

- Established business in supplying laboratory needs (Glassware, Chemical, and Standard)
- Services some laboratory instruments.

2020

- Expanding business to sell Instrumentation and Automation
- Starting to the Internet of Things project.
- Entering to government and State own enterprises projects.

2021

- Entering to University projects.
- Starting to research and development automatic petroleum testing.
- Producing our Local Laboratory Information Management System (LIMS).
- Adding industrial automation references using android-based programs.

2022

- Producing our Local Computerized Maintenance Management Systems (CMMS)
- Developing our local interface for monitoring and recording data from controller using Java Script, C, Visual Basic, PHP, SQL, Python Language.

2023

- Expanding another Laboratory and Automation Manufacturer Brand.
- Visiting China manufacturer of sensor and laboratory analyzer

2024

- Attending ArabLab Exhibition at Dubai
- Joining Proficiency Testing at LEMIGAS
- Developing Warehouse Management System (WMS) of PT Pertamina Lubricants PUG - PUJ - PUC



In picture: WMS implementation in Pertamina Lubricants PU Gresik

2025

- Starting of ASTM D7279 Analyzer Research and Development
- Starting of Portable Used Oil Monitoring Analyzer Development
- Compliance with ISO 9001 : 2015 Quality Management System
- Compliance with ISO 30141 : 2018 Internet of Things (IoT)



Company Capabilities

Comprehensive Laboratory Solutions

We provide complete laboratory instrumentation systems for petroleum testing, tribology analysis, viscosity measurement, distillation analysis, and oil condition monitoring. Our solutions comply with international standards including ASTM, IP, ISO, and DIN methods.



Key Capabilities:

- Supply and installation of analytical instruments
- Technical consultation and method validation
- Calibration and preventive maintenance services
- Spare parts management and rapid replacement

Industrial Automation & Control Systems

Our automation division delivers sophisticated telemetry instruments, control systems, and sensor technologies for real-time monitoring and process optimization across water management, environmental monitoring, and industrial processes.



Key Capabilities:

- Telemetry and remote monitoring systems
- PLC, SCADA, and DCS integration
- Sensor installation and calibration
- IoT and cloud-based monitoring solutions

Digital Solutions & IT Systems

We develop and implement advanced software systems that streamline operations, improve data management, and enable real-time decision-making across laboratory and industrial environments.

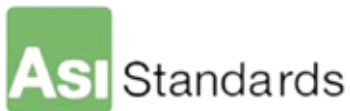


Key Capabilities:

- Laboratory Information Management System (LIMS)
- Computerized Maintenance Management System (CMMS)
- Warehouse Management System (WMS)
- Smart Information Display Systems

Brands Supplied

Teknoklop partners with world-renowned manufacturers and technology providers



Customers List

Teknoklop has been a great partner in solution services for some of proud customers.



Products Portfolio Laboratory Solutions

Lab Instrument



Visit [manufacturer's website](#) for more detail

Biolab



Product	Viscol series	Viscol 20AS	Pasol 10
Measurement	Viscosity Measurement (temp. range = -40 - 150°C)	Viscosity Measurement	Oxidation Stability
Standards	ASTM D445 ASTM D446	ASTM D445 ASTM D446	ASTM D2272 ASTM D4742



Product	Cutie	Foamer A40
Measurement	Corrosion Level	Foaming tendency and stability
Standards	ASTM D130 ASTM D1838	ASTM D892 ASTM D6082

Products Portfolio

Laboratory Solutions

Lab Instrument



Visit [manufacturer's website](#) for more detail

Gecil Process



Product	Vacuum Distillation	TBP Distillation Unit	Potstill Distillation Unit
Measurement	Vacuum distillation	TBP distillation	Potstill distillation
Standards	ASTM D1160	ASTM D2892	ASTM D5236



Product	Batch Distillation	Dehydration/Desalting Units
Measurement	Batch distillation	Dehydration/ desalting
Standards	ASTM D2892 ASTM D1160	ASTM D2892

Products Portfolio

Laboratory Solutions

Lab Instrument



Visit manufacturer's website for more detail

Ducom



Product	Shear Stability Tester TR-294	Four Ball Tester (TR-30 Series)	Four Ball Tester (FBT-3)
Measurement	Shear stability	Extreme pressure and anti-wear properties	Wear preventive, extreme pressure and frictional properties
Standards	CEC L-45-99 DIN 51350-6	ASTM D2596 ASTM D4172	ASTM D2596 ASTM D4172



Product	High Frequency Reciprocating Rig (HFRR 4.2)	KRL Shear Stability TESTER (KRL-SST-1)
Measurement	Lubricity evaluation	Shear stability
Standards	ASTM D6079 ASTM D7688	CEC L-45-99 DIN 51350-6

Products Portfolio

Laboratory Solutions

Lab Instrument

SI Analytics®

Visit [manufacturer's website](#) for more detail

SI Analytics



Product	Automatic Titrator TitroLine® 5000	Automatic Titrator TitroLine® 7000	Automatic Titrator TitroLine® 7500 KF
Measurement	Titration	Titration	Titration
Standards	CEC L-45-99 DIN 51350-6	ASTM D664 ASTM D2896	ASTM D2266 ASTM D2596



Product	Volumetry, Automatic Titrator TitroLine® 7500 KF trace Coulometry
Measurement	Titration
Standards	ASTM D4928 ASTM D6304

Products Portfolio

Laboratory Solutions

Lab Instrument



Visit [manufacturer's website](#) for more detail

Klop Instruments



Product	Oil Condition Monitoring	Heating Block	Oil Appearance Analyzer
Measurement	Oil quality monitoring	Sample condition	Oil appearance
Standards	Custom method	Custom method	Custom method



Product	Houillon Automatic Viscosity	Computer Controlled Flotation Column
Measurement	Viscosity measurement	Ore Separation Simulation Process
Standards	ASTM D7279	Custom method

Products Portfolio

Laboratory Solutions

Lab CRM & Standards



Visit [manufacturer's website](#) for more detail

Cannon Instruments



Product	Viscosity Standard (General Purpose)	Viscosity Standard HTHS	Viscosity Standard CCS and MRV
Measurement	General purpose viscosity standards	High temperature and high shear viscosity standards	Low temperature viscosity standards
Standards	ASTM D445/446 ISO 3104/3105	ASTM D4683 ASTM D5481	ASTM D2983 ASTM D5293

Products Portfolio

Laboratory Solutions

Lab CRM & Standards



Visit [manufacturer's website](#) for more detail

Analythichem Conostan



Product	Metallo Organic Standards	PartiStan	Premisolv
Measurement	Elemental calibration standard	Particle counter standards	Diluent or zero-point standard
Standards	ASTM D4951 ASTM D6481	ISO 4406	-

Products Portfolio

Laboratory Solutions

Lab CRM & Standards



Visit [manufacturer's website](#) for more detail

Asi Standards



Product	Nitrogen and Sulfur in Petroleum Product Standards	Elemental in Lubricating Oil
Measurement	Nitrogen and Sulfur in Petroleum Product Standards	Elemental calibration standard
Standards	ASTM D5453 ASTM D4629	ASTM D4951 ASTM D6481

Products Portfolio

Laboratory Solutions

Lab CRM & Standards



Visit [manufacturer's website](#) for more detail

Accustandard



Product	Nitrogen and Sulfur in Petroleum Product	Metal in Lubricating Oil	Distillation
Measurement	Nitrogen and Sulfur in Petroleum Product Standards	Elemental calibration standards	Distillation standards



Product	Viscosity	Freezing Point	Cloud Point
Measurement	General purpose viscosity standards	Freezing point standards	Cloud point standards

Products Portfolio

Laboratory Solutions

Lab CRM & Standards



Visit [manufacturer's website](#) for more detail

Paragon Scientific



Product	General Purpose Viscosity Standards	CRMU DIGA	CRMU MPLU
Measurement	Viscosity standards	Testing petroleum and derivative products for Distillation	Lubricant testing standards
Standards	ASTM D445 ASTM D446	ASTM D86	Multiparameter standards



Product	CRMU-PMGO	TAN	TBN
Measurement	Flash point testing standards	Total acid number standards	Total base number standards
Standards	ISO 17034 ASRM D93	ASTM D664 IP 177	ASTM D2896 IP 276

Products Portfolio

Laboratory Solutions

Lab CRM & Standards

VHG™

Visit [manufacturer's website](#) for more detail

VHG



Product	Base Number Reference Materials	Metallo-organic Standards	Fuel Dillution Standards
Measurement	Reference material	Reference material	Reference material
Standards	ASTM D2896 ASTM D4739	ASTM D5185 ASTM D6595	ASTM D3524 ASTM D3525



Product	Sulfur Standards	Pour Point Reference Materials	Metals in Biodiesel Standards
Measurement	Reference material	Reference material	Reference material
Standards	ASTM D2622 ASTM D4294	ASTM D97	ASTM D6751

Products Portfolio

Laboratory Solutions

Lab CRM & Standards



Visit [manufacturer's website](#) for more detail

ASTM Reference Materials



Product	Distillation Reference Materials	Cloud Point Reference Materials	Freeze Point Reference Materials
Measurement	Reference material	Reference material	Reference material
Standards	ASTM D86 ASTM D1160	ASTM D2500	ASTM D1177

Product	Hydrocarbon Type Reference Materials	Cold Fitter Plugging Point Reference	Pour Point Reference Materials
Measurement	Reference material	Reference material	Reference material
Standards	ASTM D5443	ASTM D6371	ASTM D97 ASTM D5853

Products Portfolio

Laboratory Solutions

Lab CRM & Standards



Visit [manufacturer's website](#) for more detail

TMC Reference

Standards/ reference materials provided by Test Monitoring Center (TMC) (part of ASTM international)

Product	RL233	RL269	HMA
Measurement	Shear stability testing fluid	Shear stability by diesel injector	Homogeneity and miscibility in automotive gears oil
Standards	ASTM D6278 CEC L-14-A-93	CEC L-14-93	ASTM D6922

Product	SSCT11	JFA	DFA25
Measurement	Storage stability and compatibility in automotive gears oil	Jet fuel lubricity high reference	Diesel fuel lubricity high reference
Standards	ASTM D7603	ASTM D5001	ASTM D6079

Products Portfolio

Laboratory Solutions

Lab Glassware



Visit [manufacturer's website](#) for more detail

AMK Glass Inc.



Product	Cannon-Fenske Routine Viscometer	Foam Test Cylinder	Test Vessel
Measurement	General use in petrochemical industry	Foaming characteristics of lubricating oils	Air release properties of hydrocarbon based oils
Standards	ASTM D445	ASTM D892	ASTM D3427

Products Portfolio

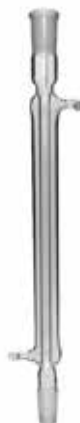
Laboratory Solutions

Lab Glassware



Visit [manufacturer's website](#) for more detail

DC Scientific



Product	ASTM Glassware	ASTM Glassware	ASTM Glassware
Measurement Purpose	Distillation of Petroleum Products	Water in Petroleum Products and Bituminous Materials by Distillation	Distillation of Petroleum Products at Reduced Pressure
Standards	ASTM D86	ASTM D95	ASTM D1160

Products Portfolio

Laboratory Solutions

Lab Glassware



Visit [manufacturer's website](#) for more detail

Cannon Instrument



Product	Asphalt Institute Vacuum Viscometer	BS/U-Tube Viscometer	Cannon - Ubbelohde Viscometer
Measurement	Viscosity of highly viscous materials	kinematic viscosity of transparent Newtonian liquids	kinematic viscosity of transparent Newtonian liquids
Standards	ASTM D2171	ASTM D445 ISO 3104	ASTM D445 ISO 3104

Products Portfolio

Automation Solution

Telemetry Instruments

Visit [manufacturer's website](#) for more detail

Klop Instrument

Our own instrumentation is one of reliable options in telemetry purpose



Product	Automatic Water Level Recorder	Automatic Rainfall Recorder	Automatic Weather Station
Description	- Level sensor: - Radar level sensor - Sensor range: 0-30 m - Output data Modbus RS485 - Controller: - Remote telemetry control unit - Cortex-A7 32-bit ARM processor - Internal SIM & SD card - Included: - Solar panel 100WP - VRLA battery 50Ah - Box panel - Installation, testing and training	- Tipping bucket: 8" Rain Gauge Sensor - Resolution: 0.2 mm per tip - Output reed switch - Controller: - Remote telemetry control unit - Cortex-A7 32-bit ARM processor - Internal SIM & SD card - Included: - Solar panel 100WP - VRLA battery 50Ah - Box panel - Installation, testing and training	- Weather source: - Wind speed - Sunlight intensity - Temperature, pressure and humidity - Controller: - Remote telemetry control unit - Cortex-A7 32-bit ARM processor - Internal SIM & SD card - Included: - Solar panel 100WP - VRLA battery 50Ah - Box panel - Installation, testing and training
Unit Installed	- AWLR WS Bengawan Solo - AWLR WS Serayu - AWLR Bendung Colo	- ARR Gung Kelud - ARR Kali Gawe - ARR WS Jratunseluna	- Weather Station Bendung Serbaguna Wonogiri - Weather Station Waduk Bening

Products Portfolio

Automation Solution

Telemetry Instruments

Visit [manufacturer's website](#) for more detail

Klop Instrument

Our own instrumentation is one of reliable options in telemetry purpose



Product	Automatic Water Quality Monitoring System	Automatic Fuel Level Tank Gauge	Automatic Open Channel Flowmeter
Description	- Water sensor: - Turbidity, pH, DO, TDS, COD/ BOD - Output data Modbus RS485 - Controller: - Remote telemetry control unit - Cortex-A7 32-bit ARM processor - Internal SIM & SD card - Included: - Solar panel 100WP - VRLA battery 50Ah - Box panel - Installation, testing and training	- Level sensor: - Radar level sensor - Sensor range: 0-30 m - Output data Modbus RS485 - Controller: - PLC Siemens SIMATIC S7 - Analog input and output - SCADA software - Included: - Box panel - MCB and cable - PC for data monitoring - Server & website	- Level sensor: - Ultrasonic level sensor - Non-contact level sensor - Sensor range: 0-4.3 m - Controller: - Remote telemetry control unit - Cortex-A7 32-bit ARM processor - Internal SIM & SD card - Included: - Solar panel 100WP - VRLA battery 50Ah - Box panel - Installation, testing and training
Unit Installed	- Online Water Monitoring Indonesia Power Bali - WQMS Bendung Sutami - WQMS Bendung Selorejo	PT Pelindo Energi Logistik - Semarang	- Seepage Flow Monitoring Bendungan Serbaguna Wonogiri - Seepage Flow Monitoring Bendungan Selorejo

Products Portfolio

Automation Solution

Controller Unit

logic IO

The **M2M** Enabler

Visit [manufacturer's website](#) for more detail

Logic IO



Product	RTCU NX-200	RTCU NX-400 Evo	RTCU NX-900
Measurement	Professional automotive M2M/ IIoT gateway	Professional industrial M2M/ IIoT gateway	Professional industrial M2M/ IIoT gateway



Product	RTCU LX4 Pro	RTCU LX5 Pro	RTCU LX Eco
Measurement	Professional automotive M2M/ IIoT gateway	Professional industrial M2M/ IIoT gateway	Professional industrial M2M/ IIoT gateway

Products Portfolio

Automation Solution

Programmable Logic Controller



Visit manufacturer's website for more detail

Multiple Manufacturers



Manufacturer	Siemens	Schneider	Flexem
Products	SIMATIC controller	Schneider Programmable Logic Controller (PLC)	Internet of Things Programmable Logic Controller

Products Portfolio

Automation Solution

Universal Temperature Controller

OMRON
Autonics

Visit manufacturer’s website for more detail

Multiple Manufacturers



Manufacturer	Omron	Autonics
Products	General purpose controller	Temperature controller

Products Portfolio

Automation Solution

Display



Supmea[®]

Visit manufacturer's website for more detail

Multiple Manufacturers



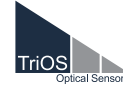
Manufacturer	Weiqian	Flexem	Supmea Auto
Products	Industrial Android Panel	Human Machine Interface (HMI)	Multifunction Data Digital Display Instrument

Products Portfolio Automation Solution

Industrial Sensor and Transmitter

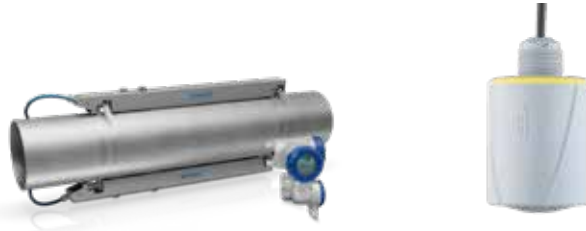
KROHNE
VEGA

pulsar
MEASUREMENT
Supmea
xylem



Visit manufacturer's website for more detail

Multiple Manufacturers



Type	Flowmeter	Level Sensor
Measurement	Permanent flow, standard and wastewater, magnetic flowmeter	Radar level, Hydrostatic level, Low-cost radar level
Manufacturer	Krohne Pulsar Measurement	Vega Supmea Auto



Type	Pressure Sensor	Liquid Analysis Sensor
Measurement	Process pressure measurement	Spectral Sensor (COD, BOD, Nitrite, Nitrate, TOC), Turbidity Sensor
Manufacturer	Vega	Trios Xylem

Products Portfolio

Automation Solution

System Integrator



Visit [manufacturer's website](#) for more detail

Teknoklop

Providing integrated system solution that connects mutidevice, instruments, softwares and infrastructure for efficiency and automation.

Service	Design and Engineering	PLC, SCADA and DCS Integration	Instrumentation & Control
Description	System control design, P&ID, automation architecture	Programming, configuration, commissioning	Installation, calibration, integration

Service	IoT & Remote Monitoring	Retrofit & Upgrade	Maintenance & Support
Description	Telemetry system, data acquisition, cloud dashboard	Legacy system modernization	Training, troubleshooting, after sale

Products Portfolio

IT Solution



Visit [manufacturer's website](#) for more detail

Teknoklop

Providing solution to enhance customer's business and drive more efficiency by IT implementation and integration



Service	Laboratory Information Management System (LIMS)	Computerized Maintenance Management System (CMMS)	Warehouse Management System (WMS)
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Service	Smart Information Display	Online Realtime Monitoring System
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PT Tekno Klop Indonesia

At Teknoklop, we are committed to advancing Indonesian industrial capabilities through innovative technology, reliable service, and trusted partnerships.

Whether you need a single analytical instrument, a complete automation system, or an integrated digital platform, Teknoklop delivers solutions that work—backed by the expertise, support, and commitment you can depend on.

Contact Us

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