

## COMPANY PROFILE

# PT. INAKO PERSADA



## COMPANY OVERVIEW

**PT. INAKO PERSADA** as a Industrial Supplier Company, Committed to providing the Industrial Equipments(**Mechanical, Electrical, Instruments& Control Systems**), General Services & Consultant (**Fabrication, Installation, Configuration, Start-up & Commissioning, Troubleshooting, Calibration, etc**) & Maintenance Contract.

Our Company is fully staffed to assist you in all process from planning stages trough engineering, product choice, site supervision and after sales support.

### VISION

Being a global leader as customers business partner in Mechanical, Electrical, Instruments and Control Systems products and services.

### MISSION

Provide solutions to improve customer performance in increase overall productivity and reduce cost with total focus on customer satisfaction and quality workmanship.

## COMPANY INFORMATION

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## PRODUCTS & SERVICES

### 1. MECHANICAL

#### 1.1. Air Compressor Systems

Unit Compressor (Screw & Piston), Air Dryer, Pre-After Filters, Air receiver Tank, Installation, Spare Part, After Sales Services & Rental



#### 1.2. Manual Valve, Strainer, Expansion Joint and Fitting

**Valve** : Ball Valve, Butterfly Valve, Gate Valve, Check Valve, Globe Valve, Pressure & Safety Relief Valve

**Strainers** : Duplex Strainer, Basket Strainers, Y Strainers

**Expansion Joint** : Fabric, Metal and Rubber

**Fitting** : Flange, Tube, Tee, Elbow, Bolt & Nut



#### 1.3. Pump

Centrifugal Pumps, Axial Pumps, Rotary Pumps, Reciprocating Pumps, etc.



### 2. ELECTRICAL

Generator Set (GenSet), Electric Motor, Electrical & Instrument Cables, Drive, UPS, Travo, Inverter, Contactor, MCB/NFB, Photo Electric Sensor, Limit Switch, Push Button, Pneumatic & Hydraulic Cylinder & Fitting, etc.



## PRODUCTS & SERVICES

### 3. INSTRUMENTATIONS

#### a. Flow

Coriolis, Magnetic, Vortex, Annubar, Orifice, Flow Nozzle, Averaging Pitot tube, Venturi Tubes, Meter Run, etc.



#### b. Pressure & Accessories ( Valves and Manifold, Fitting, etc)

Pressure Transmitter, Pressure Gauges, Pressure Switch



#### c. Temperature & Accessories

Temperature Transmitter, Temperature Gauges and Thermowells, RTD Sensor



#### d. Level

Radar Level Transmitter, Level gauges, Level Switch



#### e. Analyzer (Gas & Liquid)

Gas Chromatograph, Continuous Emission Monitoring Systems (CEMS), PH/ORP, Conductivity, Turbidity, etc





## PRODUCTS & SERVICES

### f. Vibration Monitoring Systems

Portable, Continuous Online Monitoring & Wireless Vibration Monitoring systems



### g. Fire & Gas Detector



### h. Control Valve, Actuator & Positioner



### i. Test & Measurement Instruments (TMI)

Portable Test Instruments, Basic Measuring Instruments



## 4. CONTROL SYSTEMS

DCS, PLC, Paper & Paperless Recorder, Single Loop Controller, SCADA, HMI, Flow Computer for Metering ( Custody Transfer ), Field Communicator 475, Safety Systems, CCTV, etc.



## PRODUCTS & SERVICES

### 5. INSTRUMENTS & CONTROL SYSTEMS SERVICES

Trouble Shooting, Commissioning and Calibration Job for all of instruments & Control Systems

Our main services are consist of :

- a. Calibration and certification : DirektoratMetrologi (DIMET), KomiteAkreditasiNasional (KAN), MIGAS, etc
- b. Troubleshooting, Upgrade, Migration, Repair & Maintenance
- c. Training & Consultant
- d. Installation, Commissioning, Factory Acceptance Test (FAT), Site Acceptance Test (SAT), Start Up, etc

For :

- a. Control System : DCS, PLC, SCADA, HMI, etc
- b. Field Instruments : Flow, Pressure, Temperature, Level, Control Valve, etc
- c. Electrical : Current Transformer (CT), Voltage Transformer (VT), Power Meter, Watt Meter, etc
- d. Vibration : Accelerometer, Velocity & Proximity (Displacement)
- e. Analyzer : Gas (CEMS, Gas Chromatograph GC, etc) & Liquid (PH, Conductivity, Silica, etc)
- f. Metering/Custody Transfer : Gas & Liquid
- g. Field Communicator / HART Communicator : 475, 375 & 275



## OUR BRANDS

### **HITACHI** Compressor package

Oil free (0.1 – 1300 KW)



Screw Compressor



Piston Compressor



Portable Compressor



Air Dryer

Oil flooded (0.75 – 240 KW)



Screw Compressor



Piston Compressor



Sparepart



Almig Compressor - Made in Germany with more than 90 years experience (since 1925) for Air Compressors. Products : Oil Free Compressor & Oil Flooded Compressor



Screw Compressor (5,5 KW - 250 KW)



Piston Compressor (1,5 KW - 15 KW)



Turbo Compressor (185 KW - 2240 KW)



Oil Flooded (4 KW - 15 KW)

## OUR BRANDS



Over 30 years experience in flow computer products that manufactured in United Kingdom (UK), North Europe

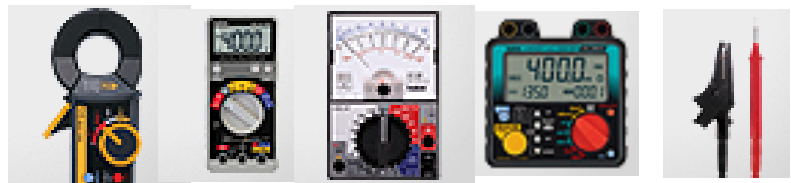
- **Frequency Input Natural Gas Flow Computer**  
Measure the volume, mass and gross heat content of a natural gas
- **Petroleum Consumption Flow Computer**  
Measures the flow and consumption of petroleum fluid
- **Flow Rate Totaliser Flow Computer**  
Measure rate of flow (in litres) and accumulated total (in tons)
- **Load Computer**  
Manage the loading of petroleum & chemical onto road tankers, rail cars & barges
- **Level Monitor**  
Display both level and tank content from a wide range of level sensors
- **Heat Calculator**  
Measure the energy consumed in hot water heating systems and chilled water cooling systems



Manufactured in Japan

### a) Field Measuring & Factory Testers

- Clamp Meters
- Insulation Testers
- Digital Multimeters
- Analog Multimeters
- Other Testers
- Accessories



### b) Automotive Testers

- Handy Oscilloscope
- Resistance Tester
- Digital Multimeters
- Digital Tachometer
- O2 Sensor/Battery Checker
- Accessories





## OUR BRANDS



**Manufacturer and developer of flow meters, oil lubrication systems and oil analyzers that manufactured in Finland, North Europe**

### FLOW METER

- Variable Area Flowmeter
- Multi-tube Flowmeter
- Metal Tube Flowmeter
- Oval Gear Flowmeter
- SLM Seal Water Flowmeter



### OIL LUBRICATION FLOW MONITORING SYSTEMS

- KVM Control Monitoring Software
- Oval D2 Measuring Station
- Oval Min-E Local Display



### OIL ANALYZER

- Water in Oil Analyzer
- Oil Color Analyzer



### DIFFERENTIAL PRESSURE & CHECK VALVE

- Differential Pressure Meters
- Check Valves



### AIR SAMPLING DEVICE

- Asbestos air sampling device
- Indoor ambient air microbe sampling equipment



## OUR BRANDS



Since 1974 or over 40 years experience for the process and factory automation products

- ✓ All products manufactured and validated in Denmark, North Europe
- ✓ Certified products – include Safety Integrity Level (SIL 2), full assessment
- ✓ 5-year warranty for all products

### Temperature



- Temperature transmitters and sensors with high accuracy - better than 0.05%
- Fast response time - less than 30 ms
- Low temperature drift - only 0.01% / °C
- World's first 6 mm device with HART® 7 protocol

### I.S. interfaces



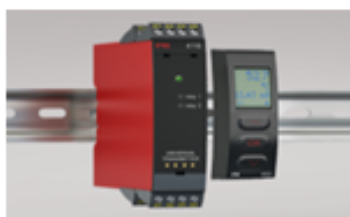
- Intrinsically safe with one device, multiple mounting options - vertically or horizontally - DIN rail, power rail or backplane
- 6 devices for all analog, digital and HART® signals
- High accuracy - better than 0.05 / 0.1%
- High safe isolation - 2.6 kVAC

### Communication



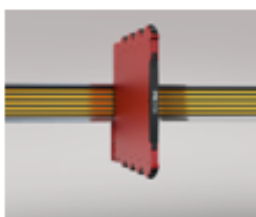
- Snap on for easy set-up
- Local or remote monitoring, simulation and configuration
- Analog and digital signal
- Enhanced diagnostics for preventive maintenance

### Multifunctional



- Few devices - multiple applications
- Universal input, output, and power supply
- Long-term signal accuracy better than 0.2% / 3 years
- Excellent EMC performance - NAMUR NE21 Burst A criterion < 1%

### Isolation



- High accuracy - better than 0.05%
- Fast response time - of less than 30 ms
- Low temperature drift - of only 0.01% / °C

### Display



- High level of galvanic isolation for elimination of ground loops
- Exceptional EMC performance
- Fast and easy configuration via PC, DIP-switch or push buttons

## OUR BRANDS

# CRANE

**CRANE ChemPharma& Energy**  
Valve & pump manufacturer in USA

- Check Valves
- Ball Valves
- Gate Valves
- Pressure Seal Valves
- Butterfly Valves
- Globe & Angel Valves
- HF Valves
- Miscellaneous Valves
- Float Valves
- Industrial Diaphragm Valves
- Bottom Drain Valves
- Pacific CSV Cast Steel Globe Valve



**THE MODAL SHOP**  
MTS SYSTEMS CORPORATION

Portable Vibration Calibrators from The Modal Shop, A PCB Group Company - USA, are designed to simplify your on-site calibration of accelerometers, velocity sensors and proximity probes.



**9110 D**



**9100 D**

**FOR SALE**

**ALSO READY FOR RENTAL  
(INCLUDE OPERATOR)**

DAILY, WEEKLY OR MONTHLY

## OUR BRANDS

# KLAY-INSTRUMENTS "ALL STAINLESS"

All Klay Instruments product use Stainless Steel Material which is corrosion resistant and longest durability. Klay instruments made in Holland.

## PRESSURE

### PRESSURE TRANSMITTER

- **SERIES 8000**
  - ✓ Accuracy 0.2%
  - ✓ Zero and span adjustable internally
- **SERIES 2000**
  - ✓ Accuracy 0.1%
  - ✓ Adjustable with 3 push buttons
- **SERIES 4000**
  - ✓ Accuracy 0.075%
  - ✓ Adjustable with programming button



Series 8000



Series 2000



Series 4000

### DIFFERENTIAL PRESSURE TRANSMITTER

#### DP-4000 Differential Pressure Transmitter

- ✓ All stainless steel housing
- ✓ Adjustable with unique programming button
- ✓ Graphic display with backlight
- ✓ Local indicator (option)
- ✓ Intrinsically safe ATEX and IECEx: Ex ia IIC T6 Ga



DP-4000

#### Accessories



3-way manifold



5-way manifold

## LEVEL

### LEVEL TRANSMITTER

- ✓ Accuracy 0.075% – 0.2%
- ✓ All stainless steel housing

### SUBMERSIBLE LEVEL TRANSMITTER

- ✓ Cable or tube extension
- ✓ Accuracy 0.1 – 0.2 %
- ✓ Fixed range or adjustable with HART Protocol

### LEVEL SWITCHES

- ✓ Various process connections
- ✓ Relay or PNP Output
- ✓ Microprocessor based



LEVEL TRANSMITTER



SUBMERSIBLE  
LEVEL TRANSMITTER



LEVEL SWITCHES



## OUR BRANDS



### FLOW

#### DIFFERENTIAL PRESSURE TRANSMITTER

##### DP-4000 Differential Flow Transmitter

- ✓ Accuracy 0,075 % option 0,065 %
- ✓ Adjustable with unique programming button
- ✓ Graphic display with backlight
- ✓ Stainless steel housing



**DP-4000**

### TEMPERATURE

#### TEMPERATURE SENSORS

##### Series PT100

- ✓ Robust and compact
- ✓ All stainless steel
- ✓ Hygienic connections
- ✓ Pt100 3- or 4-wire
- ✓ Vibration resistant

#### INTELLIGENT TEMPERATURE TRANSMITTER

##### Series TT-2000

- ✓ Accuracy 0.1 %
- ✓ Easy adjustable with 3 push buttons
- ✓ All stainless steel



**Temperature  
Sensors – PT100**



**Intelligent Temperature  
Transmitter – TT2000**

## OUR BRANDS



Established in 1995, VorTek Instruments is a manufacturer of precision multivariable flowmeters for the measurement of liquid, gas, steam and energy. All VorTek flowmeters are manufactured at the company's headquarters in Longmont, Colorado, USA.

### VORTEX FLOWMETER

Vortex flowmeters measure flows of liquid, gas and steam by detecting the frequency at which vortices are alternatively shed from a bluff body.

- ✓ Mass flow equations - real gas, ideal gas, AGA 8, API 2540
- ✓ High accuracy with rangeability up to 100:1
- ✓ Temperature up to 750°F
- ✓ Pressure up to 1500 psig
- ✓ Inline configuration for pipes from 1/2" - 12" DN15 to DN 300
- ✓ 4-20mA loop-powered Mass Meter design saves
- ✓ HART protocol communications – Standard
- ✓ Modbus, BACnet communications available
- ✓ FM, FMC, ATEX, IECEx Approved



**Pro-V™  
Model M22  
In-line Vortex**



**Pro-V™  
Model M23  
Insertion Vortex**

### TURBINE FLOWMETER

Insertion turbine flowmeters measure flows of liquid, gas, and steam by detecting the frequency of rotation of the turbine blades.

- ✓ High accuracy with rangeability up to 17:1
- ✓ Temperature -450 to 850°F
- ✓ Pressure up to 1500 psig
- ✓ Insertion style mounting permits installation in any pipe 2" and greater
- ✓ 4-20mA loop-powered Mass Meter design saves on energy costs
- ✓ HART protocol communications – Standard
- ✓ Modbus, BACnet communications available
- ✓ FM, FMC, ATEX, IECEx Approved



**Turbo Pro-T™  
Insertion Turbine**



**PT. INAKO PERSADA**

Mechanical, Electrical, Instrument & Control Systems

**“We are the right partner for your business”**

**PT. INAKO PERSADA**

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