

INSTRUMENTS FOR GENERAL PROCESS

WISE

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Pressure
Instruments

Temperature
Instruments

Flow & Level
Instruments

WISE





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Catalog

INSTRUMENTS FOR GENERAL PROCESS

Oil and gas

Petrochemical Industry

Power Generation

Steel Industry

WISE

P252

Industrial Service Pressure Gauge

DIAL

63, 80, 100 and 160mm

RANGE

-0.1~0 to 0~200MPa

CASE

304SS

ELEMENT

316SS

PROCESS CONNECTION

63mm: 1/8", 1/4" PT, NPT and PF

80mm: 1/4", 3/8" PT, NPT and PF

100 and 160mm: 1/4", 3/8", 1/2" PT, NPT and PF



P257

Safety Pattern Type Pressure Gauge

DIAL

63, 100 and 160mm

RANGE

-0.1~0 to 0~200MPa

CASE

304SS

ELEMENT

316SS

PROCESS CONNECTION

63mm: 1/8", 1/4" PT, NPT and PF

100 and 160mm: 1/4", 1/2", 3/8" PT, NPT and PF



P421

Low Pressure Gauge

DIAL

100 and 150mm

RANGE

-35~0 to 0~35kPa

CASE

304SS

ELEMENT

316L SS

PROCESS CONNECTION

1/4", 3/8", 1/2" PT, NPT and PF



P710, P720, P730

Diaphragm Seal Type Pressure Gauge

RANGE

-0.1~2.5MPa / 0~35MPa

UNDER FLANGE

304SS, 316SS, Monel, Hastelloy-C

DIAPHRAGM

316L SS, Monel, Hastelloy-C, Titanium...

OPTION

Diaphragm and under flange are available in PTFE coating or PTFE lining



P953

Explosion Proof Pressure Switch

RANGE

0.3kPa to 15MPa, -1.0~0.15bar

CASE

ALDC 12.1 (Silver gray painted)

ELEMENT

316L SS, Monel, Hastelloy-C

CONTACT

Micro Contact type
One SPDT
Two SPDT



T190

Process Industry Bimetal Thermometer With Adjustable Stem

DIAL

75, 100, 125 and 150mm

CASE & COVER

304SS

LOCATION OF STEM

Center back with adjustable stem

PROCESS CONNECTION

1/4", 3/8", 1/2", 3/4" PT, NPT and PF

WINDOW

Glass



R210

Metallic Protection Tube Resistance Temperature Detector

ELEMENT

Pt 100Ω at 0°C
TCR: 3,850ppm/k

HEAD MATERIAL

ALDC, 304SS, 316SS

TOLERANCES ON TEMPERATURE READING

Class A, Class B



R300

Extension Lead Wire Thermocouple And Resistance Temperature Detector

ELEMENT

RTD: Pt 100Ω at 0°C

TOLERANCES ON TEMPERATURE READING

Thermocouple: Class 1, Class 2
RTD: Class A, Class B



SMT2001

Differential Pressure Transmitter

ACCURACY

±0.05% of full span, ±0.075% of full span

TURN DOWN

Adjustable up to 100:1 range ability

ISOLATING DIAPHRAGM

316L SS
Hastelloy C
316L SS with Gold plated
316L SS with Teflon plated

OUTPUT

4–20mA with HART Protocol

FAILURE ALARM

CE CONFORMITY EMC DIRECTIVE

DEGREE OF PROTECTION

P66/IP67



SMT2002

Gauge Pressure Transmitter

ACCURACY

±0.05% of full span, ±0.075% of full span

TURN DOWN

Adjustable up to 100:1 range ability

ISOLATING DIAPHRAGM

316L SS

Hastelloy C

316L SS with Gold plated

OUTPUT

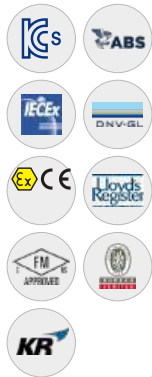
4~20mA with HART Protocol

FAILURE ALARM

CE CONFORMITY EMC DIRECTIVE

DEGREE OF PROTECTION

P66/IP67



SMT3000

Temperature Transmitter

WORKING TEMPERATURE

Ambient: -40~65°C

POWER SUPPLY

10~42VDC

INPUT

Thermocouple: K, J, T, N, E, B, R, S

RTD: Pt 100Ω at 0°C

SHEATH MATERIAL

Thermocouple: 316L SS, Inconel 600, 310SS, 446SS,

347SS, 321SS

RTD: 316L SS

OUTPUT

4~20mA with HART Protocol

CE CONFORMITY EMC DIRECTIVE



WTT-3100, WTT-3200

Temperature Transmitter

WORKING TEMPERATURE

-40~85°C

INPUT

Thermocouple: K, E, N, T, J, B, R, S

RTD: Pt 100Ω at 0°C

OUTPUT

4~20mA with HART Protocol



A5000

Close End Tube Type Thermowell

TYPE

Thread connection
Flange connection

MATERIAL

304 / 304L, 316 / 316L
310, 321, 446 Stainless Steel
Inconel
Hastelloy
Monel
Titanium
PTFE Lining
and others

A6000

Bar Stock Thermowell

TYPE

Thread Type
Flange Type

MATERIAL

304 / 304L, 316 / 316L
310, 321, 446 Stainless Steel
Inconel
Hastelloy
Monel
Titanium
PTFE Lining
and others

A6500

Helical Strake Thermowell

TYPE

Flange Type
Vanstone Type
Socket Type

MATERIAL

304 / 304L, 316 / 316L
310 Stainless steel
and others



F700

Venturi Tube

VENTURI TYPE

Fabricated, Machined

NOMINAL PIPE SIZE

50A-1200A, 2"-48"

MAIN MATERIAL

Carbon steel(C.S)
Stainless steel(304SS, 316SS)
Etc.

FLOW CALCULATION STANDARDS

ISO 5167-4

RANGEABILITY

5 : 1

ACCURACY

±1.0% of Full Scale



F761

Gear Drive Type Averaging Pitot Tube

NOMINAL PIPE SIZE

100A-600A, 4"-24"

PROCESS CONNECTION

Flanged(1-1/2" to 2")

MAIN MATERIAL

Stainless steel(304SS, 316SS)
Monel
Etc.

RANGEABILITY

5 : 1

ACCURACY

±1.0% of Full Scale



L300

Magnetic Float Type Level Gauge

CHAMBER SIZE

2" (50A), 2-1/2" (65A)

MAIN MATERIAL

Stainless steel(304SS, 316SS)
CPVC
Etc.

FLOAT MATERIAL

Titanium, Teflon, Etc.

SPECIFIC GRAVITY

Min. 0.5

VISCOSITY

Max. 50CP



Experience List

SK innovation



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Qatar Petroleum



Petroleum Authority Of Thailand



IRPC Public Company Limited



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PETRONAS



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PTT GC



IRPC



SCG



Thai Oil



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BANGKOK SYNTHETICS CO., LTD.



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HMC POLYMERS



JSR BST ELASTOMER



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INDORAMA PETROCHEM



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