

# SHREE KESHAR INSTRUMENTS & ENGG.



INSTRUMENTS  
& ENGINEERING

WHERE PRECISION  
MEETS  
PRODUCTIVITY

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Shree Keshar Instruments & Engineering is a reputable company specializing in providing high-quality industrial instruments and a wide range of professional engineering services. With our unwavering commitment to excellence, we have established ourselves as a trusted provider in the industry.

At Shree Keshar Instruments & Engineering, we recognize the vital role that precision instruments play in optimizing industrial processes. Therefore, we meticulously source, manufacture, and supply instruments that meet the highest standards of quality and reliability. Our comprehensive range of industrial instruments encompasses cutting-edge technologies and advanced features, enabling our clients to enhance operational efficiency and achieve optimal performance in their engineering projects.

In addition to our focus on instruments, we pride ourselves on offering a diverse portfolio of engineering services. Our team of experienced professionals possesses in-depth knowledge across various engineering disciplines, allowing us to cater to the unique needs and requirements of our clients. From initial design and planning to installation, maintenance, calibration, and repair services, we leverage our expertise to deliver tailored solutions that ensure the smooth and efficient operation of industrial systems.

What sets Shree Keshar Instruments & Engineering apart is our unwavering commitment to customer satisfaction. We prioritize building long-lasting relationships with our clients, based on trust, integrity, and reliability. By truly understanding the specific challenges and objectives of each client, we provide personalized solutions that exceed their expectations and contribute to the success of their engineering projects.

When you choose Shree Keshar Instruments & Engineering, you can expect unparalleled product quality, exceptional service, and a commitment to delivering value. We are proud to be trusted partners for industries across various sectors, assisting them in achieving operational excellence and successfully completing their engineering projects.

Contact us today to explore how Shree Keshar Instruments & Engineering can contribute to your success. Let us be your reliable partner for all your engineering service needs and ensure the successful completion of your engineering projects.

## ABOUT US



## ANALOG INSTRUMENT



### Shree Keshar TEMPERATURE GAUGE

Type:	MERCURY FILLED/BI-METAL/GAS FILLED/ELECTRIC NON-CONTACT/DIGITAL
Configuration:	SIMPLEX, DUPLEX, TRIPLEX AND MULTIPOINT
Temperature Range:	-500 TO 600°C
Dial Size:	2.5", 4", 6", 8", 10"
Mounting:	BACK/BOTTOM WITH PANEL MOUNTING
Connection:	THREADED/FLANGE
MOC:	SS 304, SS 316, SPECIAL AS PER REQUIREMENT
Calibration:	NABL

## DIGITAL INSTRUMENT



### Shree Keshar PORTABLE INFRARED THERMOMETER/THERMAL IMAGER

TEMPERATURE RANGE:	50 TO 3000°C
EMISSIVITY:	ADJUSTABLE/FIX
POWER SUPPLY:	BATTERY OPERATED
DISTANCE TO SPOT RATIO:	8:1 TO 150:1



### Shree Keshar ONLINE INFRARED THERMOMETER

TEMPERATURE RANGE:	- 50 TO 3000°C
DISTANCE TO SPOT RATIO:	8:1 TO 200:1
EMISSIVITY:	ADJUSTABLE (0.1 TO 1 BY 0.01)
POWER SUPPLY:	10-30 VOLT DC, 230 VOLT AC
OUTPUT:	4-20 mA, MODBUS, mv
ACCESSORIES:	AIR PURGE/WATER PURGE/THERMO JACKET
CABLE LENGTH:	3 TO 15MTR.



### Shree Keshar TEMPERATURE GAUGE

TYPE:	HEADMOUNTED/DIN-RAILMOUNTED/SMART
INPUT:	THERMOCOUPLE/ mV/ mA/ RTD/ UNIVERSAL
OUTPUT:	4-20mA/ 0-10VDC/ 0-5VDC/ UNIVEARSAL
POWER SUPPLY	2 WIRE/ ISOLATED/ NON-ISOLTED
POWER SUPPLY:	7.5 TO 45 V DC
OUTPUT CHANNEL:	1 & 2 CHANNEL
COMMUNICATION:	PC PROGRAMABLE SPAN ADJUSTMENT/ HART/ MODUS
CALIBRATION:	NABL

TEMPERATURE INSTRUMENT



## DIGITAL INSTRUMENT

TEMPERATURE INSTRUMENT



### Shree Keshar RESISTANCE TEMPERATURE DETECTOR (RTD)

TYPE:	RTD - PT-100, PT-200, PT-500, PT-1000, PT-2000, CU-53 NI-100
CONFIGURATION:	SIMPLEX, DUPLEX, TRIPLEX AND MULTIPOINT
MOC:	SS3.4, SS310, SS316L, HASTALLOYS, TEFLON COATED & MINERAL INSULATED
TEMPERATURE RANGE:	-100 TO 600°C
PROCESS CONNECTION:	THREADED/FALNGE/NIPPLE/UNIOUN NIPPLE WITH BSP, NPT THREADED, COMPRESSIN, FIX FITING, TRICLOVER & ADJUSTABLE
SHEATH CONSTRUCTION:	MI/BAR STOCK/FABRICATED
PROTECTION HEAD:	ALUMINIUM DIE-CAST WEATHER PROOF PROTECTION IP-54, IP65, IP-67, SS HEAD, FLAME PROOF, CLASS II A, II-B GAS GROUP, HEAD LESS WITH DIRECT CABLE/CONNECTION, SPRING LOADED CERAMIC TERMINAL BLOCK/MINIATURE /SSS HEAD CALIBRATION
CALIBRATION:	NABL



### Shree Keshar THERMOCOUPLE

TYPE:	'R', 'S', 'K', 'J', 'T', 'B', 'C'
CONFIGURATION:	SIMPLEX, DUPLEX, TRIPLEX AND MULTIPOINT
MOC:	KER-710, C-99, KER-610, ALUMINA 99.5%, 80%, 60%
TEMPERATURE RANGE:	0 TO 1200°C, 0 TO 1400°C, 0 TO 1800°C, 0 TO 2200°C
PROCESS CONNECTION:	THREADED/FALNGE/NIPPLE/UNIOUN NIPPLE WITH BSP, NPT THREADED, COMPRESSIN, FIXFITING, TRICLOVER & ADJUSTABLE
SHEATH CONSTRUCTION:	MI/BAR STOCK/FABRICATED
PROTECTION HEAD:	ALUMINIUM DIE-CAST WEATHER PROOF PROTECTION IP-54,IP65, IP-67, SS HEAD, FLAME PROOF, CLASS II A, II-B GAS GROUP, HEAD LESS WITH DIRECT CABLE/CONNECTION, SPRING LOADED CERAMIC TERMINAL BLOCK/MINIATURE /SSS HEAD
CALIBRATION:	NABL

## ACCESSORIES



### Shree Keshar THERMOWELL/ PROTECTION TUBE

TYPE:	BAR STOCK, WELDED/FABRICATED/DRILLERED/TAPPER
MOC:	SS 310, SS 316L, HASTALLOYS, NICONNEL 600
TEMPERATURE RANGE:	0 TO 1200°C, 0 TO 1400°C, 0 TO 1800°C, 0 TO 2200°C
PROCESS CONNECTION:	THREADED/FALNGE/NIPPLE/UNIOUN NIPPLE WITH BSP, NPT THREADED, COMPRESSIN, FIXFITING, TRICLOVER & ADJUSTABLE



### Shree Keshar TEMPERATURE SWITCH

OUTPUT:	24 V DC / 230 V AC
POWERSUPPLY:	10 TO 45V DC / 230 VAC
COMMUNICATION:	ZERO SPAN ADJUSTMENT
CALIBRATION:	NABL



## ANALOG INSTRUMENT

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### Shree Keshar PRESSURE/ VACUUM GAUGE

TYPE:	VACUUM, COMPOUND, BI-METAL, MERCURY FILLED/GAS FILLED/ ELECTRICAL CONTACT & DIGITAL
MOUNTING:	BOTTOM/ INLET/SURFACE/BACK PANEL/BRACKET/DIRECT
MOC:	MS/SS 304, SS 316/ANY SPECIAL AS PER REQUIREMENT
PROTECTION:	IP55/IP65
CALIBRATION:	NABL

### TYPES OF GAUGES WE OFFER

- MASTER GAUGE
- MAGNETIC GAUGE
- COMMERCIAL GAUGE
- INDUSTRIAL PRESSURE GAUGE
- DIGITAL PRESSURE GAUGE
- LIQUID FILLED PRESSURE GAUGE
- ELECTRICAL CONTACT PRESSURE GAUGE
- DIAPHRAGM PRESSURE GAUGE
- DIFFERENTIAL PRESSURE GAUGE
- COMPOUND GAUGE
- VACUUM GAUGE

## DIGITAL INSTRUMENT



### Shree Keshar PRESSURE/ DIFFERENTIAL PRESSURE/ VACUUM TRANSMITTER

OUTPUT:	4-20mA/0-10VDC/0-5VDC/PULSE/HART
POWER SUPPLY:	2 WIRE/ISOLATED/NON-ISOLATED
POWER SUPPLY:	10 TO 45 V DC
COMMUNICATION:	PC PROGRAMMABLE/ZERO SPAN ADJUSTMENT/HART/MODBUS
CALIBRATION:	NABL

### Shree Keshar PRESSURE/ DIFFERENTIAL PRESSURE/ VACUUM SWITCH

OUTPUT:	24 V DC/230 V AC
POWER SUPPLY:	10 TO 45 V DC/230 V AC
COMMUNICATION:	ZERO SPAN ADJUSTMENT
CALIBRATION:	NABL



## ANALOG INSTRUMENT



### Shree Keshar ROTAMETER

TYPE:	MULTI JET DRY TYPE VANE WHEEL WATER METER
APPLICATION:	HOT/COLD WATER PROCESS
CONNECTION:	FLANGE/THREADED
LINESIZE:	DN 15 TO DN 6000
DISPLAY:	ANALOG



### Shree Keshar TURBINE FLOW METER

TYPE:	GLASSTUBE/METALTUBE/ACRYLIC/BYPASS/LOWFLOW
MOC:	CS, SS304, SS316 PP
PROCESS CONNECTION:	FLANGE/THREADED
LINESIZE:	15 NB TO 100 NB
DISPLAY:	ANALOUGE/DIGITAL

## DIGITAL INSTRUMENT



### Shree Keshar ELECTROMAGNETIC FLOW METER

CONDUCTIVITY:	> 5 $\mu$ S
MOUNTING:	REMOTE/INTEGRATED
LINESIZE:	DN 10 NBTO DN 3000
COATED:	HARD RUBBER, PTFE ELECTRODE
ELECTRODE MATERIAL:	SS 316, SSS 316 L, PLATINUM & IRIIDIUM
VELOCITY:	0 .01 M/S TO 10 M/S
OUTPUT:	4-20 mA, PULSE, RS 232,RS 485, HART, GPRS, GSM
POWERSUPPLY:	230 V AC/ 24 V DC
TRANSMITTER TYPE:	2 WIRE/4 WIRE



### Shree Keshar VORTEX FLOW METER

CONDUCTIVITY:	> 5 $\mu$ S
MOUNTING:	REMOTE/INTEGRATED
LINESIZE:	DN 10 NBTO DN 3000
COATED:	HARD RUBBER, PTFE ELECTRODE
ELECTRODE MATERIAL:	SS 316, SSS 316 L, ALLOYS/ ANY SPECIAL REQUIREMENT
VELOCITY:	0 .01 M/S TO 10 M/S
OUTPUT:	4-20 mA, PULSE, RS 232,RS 485, HART, GPRS, GSM
POWERSUPPLY:	230 V AC/ 24 V DC
TRANSMITTER TYPE:	2 WIRE/4 WIRE



### Shree Keshar THERMAL MASS - GAS FLOW METER

PRINCIPLE:	THERMAL (CONSTANT TEMPERATURE DIFFERENCE)
MOUNTING:	WITH SENSOR - REMOTE/ INTEGRAL
APPLICATION:	GAS
DISPLAY:	DIGITALCOMPENSATION

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## DIGITAL INSTRUMENT

# F L O W M E T E R



### Shree Keshar CORIOLIS FLOW METER

MOUNTING:	REMOTE/INTEGRATED
LINESIZE:	DN 10 NB TO DN 500
OUTPUT:	4-20 mA, PULSE, RS 232, RS 485, HART, GPRS, GSM
POWERSUPPLY:	230 V AC/ 24 V DC
TRANSMITTER TYPE:	6 WIRE
OUTPUT CHANNEL:	2 (1 FOR FLOW & 2 FOR DENSITY)



### Shree Keshar ULTRASONIC FLOW METER

TYPE:	CLAMPON/INSERTION
PIPE MATERIAL:	CS/ SS/ PVC/ CASTIRON/ BRASS/ ALUMINUM ETC.
LINE SIZE:	DN 15 NB TO DN6000
COATED:	HARD RUBBER, PTFE
OUTPUT:	4-20 mA, PULSE, RS 232, RS 485, HART, GPRS, GSM
POWER SUPPLY:	230 V AC/ 24 V DC
APPLICATION:	EFFLUENT WATER/ WATER CHEMICAL & LARGE PIPE DIAMETER WHERE NO CUT IS REQUIRED
CAUBRATON:	NABL



### Shree Keshar PD FLOW METER

TYPE:	MULTI JET DRY TYPE VANE WHEEL WATER METER
LINESIZE:	DN 15 NB TO DN 6000
MOUNTING:	THREADED/ FLANGED
APPLICATION:	WATER & OIL
DISPLAY:	ANALOG/DIGITAL



### Shree Keshar DIFFERENTIAL PRESSURE (ORIFICE) FLOW METER

TYPE:	ORIFICE PLATE TYPE
PRINCIPLE:	DIFFERENTIAL PRESSURE
LINESIZE:	DN 25 NB TO DN 6000 NB
MOUNTING:	WELDED/ THREADED/ FLANGED
APPLICATION:	STEAM/ GAS & LIQUID
DISPLAY:	DIGITAL COMPENSATION



### Shree Keshar FLOW SWITCH

OUTPUT:	24 V DC/ 230 V AC
POWER SUPPLY:	10 TO 45 V DC/ 230 V AC
COMMUNICATION:	ZERO SPAN ADJUSTMENT
CALIBRATION:	NABL



## ANALOG INSTRUMENT



### Shree Keshar LEVEL INDICATOR

TYPE:	TABULAR/ SIDE MOUNTED/ REFLEX/ CABLE FLOAT SWITCH/ FLOAT & BOARD/ FLOAT & TAP
MOC:	ACRYLIC/ SS/ MS/ PP/ PVDF/ RUBBER
MOUNTING:	FLANGE/THREADED

## DIGITAL INSTRUMENT



### Shree Keshar CONTACT TYPE - LEVEL TRANSMITTER/SWITCHES

TYPE:	CAPACITANCE/ CONDUCTIVE/ VIBRATING-FORK PADDLE WHEEL/ HYDROSTATIC & DPT, ULTRASONIC & RADAR
PROBE:	ROAD, ROPE, CABLE
APPLICATION:	LIQUID/ SOLID
OUTPUT:	4-20 mA, PULSE, RS 232, RS 485, HART, GPRS, GSM
POWER SUPPLY:	230 V AC/ 24 V DC
TRANSMITTER TYPE:	2 WIRE/ 4 WIRE
MOUNTING:	BOTTOM/ INLET/ SURFACE/ BACKPANEL/ BRACKET/ DIRECT
MOC:	SS 304, SS 316 TEFLON, PTFE, CERAMIC/ ANY SPECIAL AS PER REQUIREMENT
DISPLAY:	ANALOG/ DIGITAL
CALIBRATION:	NABL



### Shree Keshar NON-CONTACT TYPE LEVEL TRANSMITTER

TYPE:	ULTRASONIC & RADAR
APPLICATION:	LIQUID/ SOLID
MOUNTING:	BOTTOM/ INLET/ SURFACE/ BACKPANEL/ BRACKET/ DIRECT
MOC:	PP/ PVDF /SS 316 / PTFE ANY SPECIAL AS PER REQUIREMENT
MOUNTING:	BOTTOM/ TOP/ SIDE
CALIBRATION:	NABL



### CONTROL VALVE/ SMART CONTROL (Actuator Sensing-interface) VALVE & ACCESSORIES

- PNEUMATIC DIAPHRAGM OPERATED CONTROL VALVE
- SOLENOID VALVE
- MOTORISED ON-OFF/CONTROL VALVE
- PNEUMATIC PISTON & CYLINDER RVST CONTROL VALVE
- BUTTERFLY CONTROL & SMART (AS-i) VALVE
- BALL CONTROL & SMART (AS-i) VALVE
- I/P CONVERTER
- E/P CONVERTER
- PNEUMATIC & ELECTRO PNEUMATIC POSITIONER
- CONTROL VALVE - DIAPHRAGM & SPRING SMART CONTROL (AS-i) VALVE- MAINTANCE KIT







## DIGITAL INSTRUMENT



### Shree Keshar INSTRUMENT ACCESSORIES

- BALL VALVE
- ISOLATION VALVE
- 3- WAY MANIFOLD VALVE
- NEEDLE VALVE
- SYPHON TUBE
- SNUBBER
- INSTRUMENTS ADAPTOR- SS, BRASS, PU, PU- BRASS & FITTINGS
- SS/COPPER & PU TUBE FOR INSTRUMENT AIR
- FLANGE

## INDUSTRIAL AUTOMATION

### Shree Keshar PANELS & ACCESSORIES

- PLC/DCS PANEL
- PLC/DCS SYSTEM
- VFD
- DI/DO MODULE
- AI/AO MODULE
- SIGNAL ISOLATOR
- REMOTE INPUT/OUTPUT PANEL
- FUSE TERMINAL BLOCK
- POTENTIAL FREE RELAY
- HMI
- SMPS
- UPS



### Shree Keshar AUTOMATION COMMUNICATION PROTOCOL & ACCESSORIES

- PROFIBUS CABLE
- PROFIBUS REPEATER
- PROFINET (ETHERNAT) SWITCH
- PROFINET (ETHERNAT) CABLE
- AS-i (Actuator Sensing-Interface) CONTROLLER& CABLE
- AS-i (Actuator Sensing-Interface) SPLITTER



### Shree Keshar CABLES FOR - INSTRUMENTATION & AUTOMATION

- INDUCTIVE PROXIMITY SWITCHES
- PHOTO ELECTRIC SENSOR ENCODER, DECODER
- ZERO SPEED SWITCHES
- PULL CHORD SWITCH
- BELT SWAY S SWITCH
- FOOT SWITCH



### Shree Keshar AUTOMATION SENSOR & SWITCHES

- RTD, THERMOCOUPLES, COMPENSATING, INSTRUMENTATION SIGNAL
- CABLE TYPE: DIGITAL & 4 - 20 mA - DC SINGLE & MULTI PAIR CONTROL CABLES



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# ENGINEERING SERVICES

## INSTRUMENT PROJECT SERVICE

NEW/EXPANSION PROJECT

## INSTRUMENT INSTALLATION/ REPAIRING & SERVICE

MAGNETIC FLOW METER

MASS FLOW METER

TURBINE FLOW METER

PRESSURE/ TEMPERATURE/ LEVEL SENSOR & TRANSMITTER

ANALYTIC INSTRUMENT – SOX/NOX ANALYSER, ORP/ CONDUCTIVITY/ pH SENSOR & TRANSMITTER

ORIFICE PLATE TYPE FLOW METER

CONTROL VALVE/ SMART (AS-i) VALVE

I/P CONVERTOR

PNEUMATIC/ ELECTRO PNEUMATIC POSITIONER

## ON SITE INSTRUMENT CALIBRATION

CONTROL VALVE/SMART (AS-i) VALVE

I/P CONVERTER

PNEUMATIC/ ELECTRO PNEUMATIC/ SMART POSITIONER

RVST VALVE

TEMPERATURE MEASUREMENT INSTRUMENT

PRESSUR/ VACCUM MEASUREMENT INSTRUMENT

FLOW MEASUREMENT INSTRUMENT

LEVEL MEASUREMENT INSTRUMENT

ANALYTIC INSTRUMENT – SOX/NOX ANALYSER, ORP/CONDUCTIVITY/pH SENSOR & TRANSMITTER

THANK YOU FOR  
CHOOSING US!