

Instrumentos y Equipos C.A

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INTECH Instrumentos y Equipos C.A.

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Quote # C-2026-0132
Date: 20/04/2026
Customer ID Staatsolie

Bill to:
Staatsolie Tout Lui Faut Refinery
Sr. Winston Churchillweg 309 | P.O. Box 1865 | Wanica,
Suriname
Attn: Maracella R. Jokhoe
Supply Chain Management Downstream
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Ship to:
Customer's Forwarder in USA
VSH United
2000 NW 97th Ave| Suite 114| Miami, Fl 33172 USA
Dock Doors on South Side of Building,
Numbers 7 thru 13

Sales Rep.	Your #	Reference #	Final Destiny	Terms	Validity
L. Zuniga	Budgetary	C-2026-0132 / 23674-1	Suriname	CFA Miami See below	60 days

Item	Cant	Description	Unit Price US\$	Total US\$
		HEATER FURNACE UNIT H-1601		
1	4	WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-1601 / B6134 Reference 08514-010 Tag Numbers: TI-16125, TI-16170, TI-16178, TI-16184 Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 407" Lead Wire Insulation: TEFLON Head Description: ½" x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS Bend Detail Tube Diameter: 6-5/8" OD Wrap Around Tube: 105 DEGREES Expansion Loops: (5) 3-1/2" OD	\$3,360.00	\$13,440.00
2	4	WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-1601 / B6134 Reference 08514-010	\$3,380.00	13.520.00

		<p>Tag Numbers: TI-16126, TI-16171, TI-16179, TI-16185</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 417" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 10-3/4" OD Wrap Around Tube: 105 DEGREES Expansion Loops: (5) 3-1/2" OD</p>		
3	4	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-1601 / B6134 Reference 08514-010 Tag Numbers: TI-16124, TI-16169, TI-16177, TI-16183</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 404" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 5-9/16" OD Wrap Around Tube: 105 DEGREES Expansion Loops: (5) 3-1/2" OD</p>	\$3,350.00	\$13,400.00
4	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-1601 / B6134 Reference 08514-011 Tag Numbers: TI-16123</p>	\$2,110.00	\$2,110.00

		<p>Thermocouple:</p> <p>Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 71" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts:</p> <p>Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail</p> <p>Tube Diameter: 4" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S_BENDS</p>		
5	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-1601 / B6134 Reference 08514-011 Tag Numbers: TI-16168</p> <p>Thermocouple:</p> <p>Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 92" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts:</p> <p>Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail</p> <p>Tube Diameter: 4" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S_BENDS</p>	\$2,150.00	\$2,150.00
6	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-1601 / B6134 Reference 08514-011 Tag Numbers: TI-16176</p> <p>Thermocouple:</p> <p>Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 92" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts:</p> <p>Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail</p> <p>Tube Diameter: 4" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S_BENDS</p>	\$2,195.00	\$2,195.00

		<p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 113" Lead Wire Insulation: TEFLON Head Description: ½" x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 4" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S_BENDS</p>		
7	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-1601 / B6134 Reference 08514-011 Tag Numbers: TI-16182</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 134" Lead Wire Insulation: TEFLON Head Description: ½" x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 4" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S_BENDS</p>	\$2,245.00	\$2,245.00
		HEATER FURNACE UNIT H-3001		
8	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136 Reference 08514-013 Tag Numbers: TI-30411</p>	\$2,145.00	\$2,145.00

		<p>Thermocouple:</p> <p>Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 85" Lead Wire Insulation: TEFLON Head Description: ½" x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts:</p> <p>Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail</p> <p>Tube Diameter: 8-5/8" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S-BENDS</p>		
9	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136 Reference 08514-013 Tag Numbers: TI-30413</p> <p>Thermocouple:</p> <p>Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 148" Lead Wire Insulation: TEFLON Head Description: ½" x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts:</p> <p>Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail</p> <p>Tube Diameter: 8-5/8" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S-BENDS</p>	\$2,530.00	\$2,530.00
10	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136 Reference 08514-013 Tag Numbers: TI-30415</p> <p>Thermocouple:</p>	\$2,615.00	\$2,615.00

		<p>Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 188" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 8-5/8" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S-BENDS</p>		
11	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136 Reference 08514-013 Tag Numbers: TI-30418</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 236" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 8-5/8" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S-BENDS</p>	\$2,710.00	\$2,710.00
12	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136 Reference 08514-013 Tag Numbers: TI-30412</p> <p>Thermocouple: Thermocouple Type: K</p>	\$2,475.00	\$2,475.00

		<p>Sheat Diameter: ¼"</p> <p>Sheat Material: INCONEL 600</p> <p>Single or Dual Element: SINGLE</p> <p>Measuring Junction: GROUNDED</p> <p>Sheat Length: 124"</p> <p>Lead Wire Insulation: TEFLON</p> <p>Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF</p> <p>Instrument Connection: ¼"ID x ½" COMPRESSION FITTING</p> <p>Conduit Connection: ¼"ID x ½" COMPRESSION FITTING</p> <p>Terminal Block: MFR. STANDARD</p> <p>Heater Connection Type: COUPLING (BY OTHERS)</p> <p>Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts:</p> <p>Heatshield Material: INCONEL 800</p> <p>Weld Pad Material: INCONEL 800</p> <p>Full Tube Clip Material: 310SS</p> <p>Bend Detail</p> <p>Tube Diameter: 8-5/8" OD</p> <p>Wrap Around Tube: 165 DEGREES</p> <p>Expansion Loops: S-BENDS</p>		
13	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136</p> <p>Reference 08514-013</p> <p>Tag Numbers: TI-30414</p> <p>Thermocouple:</p> <p>Thermocouple Type: K</p> <p>Sheat Diameter: ¼"</p> <p>Sheat Material: INCONEL 600</p> <p>Single or Dual Element: SINGLE</p> <p>Measuring Junction: GROUNDED</p> <p>Sheat Length: 172"</p> <p>Lead Wire Insulation: TEFLON</p> <p>Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF</p> <p>Instrument Connection: ¼"ID x ½" COMPRESSION FITTING</p> <p>Conduit Connection: ¼"ID x ½" COMPRESSION FITTING</p> <p>Terminal Block: MFR. STANDARD</p> <p>Heater Connection Type: COUPLING (BY OTHERS)</p> <p>Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts:</p> <p>Heatshield Material: INCONEL 800</p> <p>Weld Pad Material: INCONEL 800</p> <p>Full Tube Clip Material: 310SS</p> <p>Bend Detail</p> <p>Tube Diameter: 8-5/8" OD</p> <p>Wrap Around Tube: 165 DEGREES</p> <p>Expansion Loops: S-BENDS</p>	\$2,580.00	\$2,580.00
14	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136</p> <p>Reference 08514-013</p> <p>Tag Numbers: TI-30416</p> <p>Thermocouple:</p> <p>Thermocouple Type: K</p> <p>Sheat Diameter: ¼"</p>	\$2,645.00	\$2,645.00

		<p>Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 204" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 8-5/8" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S-BENDS</p>		
15	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136 Reference 08514-013</p> <p>Tag Numbers: TI-30417</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 220" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 8-5/8" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S-BENDS</p>	\$2,675.00	\$2,675.00
16	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136 Reference 08514-014</p> <p>Tag Numbers: TI-30421</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600</p>	\$2,455.00	\$2,455.00

		<p>Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 114" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 8-5/8" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S-BENDS</p>		
17	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136 Reference 08514-014 Tag Numbers: TI-30420</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 130" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 8-5/8" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S-BENDS</p>	\$2,500.00	\$2,500.00
18	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136 Reference 08514-014 Tag Numbers: TI-30422</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE</p>	\$2,425.00	\$2,425.00

		<p>Measuring Junction: GROUNDED Sheat Length: 98" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 8-5/8" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S-BENDS</p>		
19	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-3001 / B6136 Reference 08514-014 Tag Numbers: TI-30419</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 146" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 8-5/8" OD Wrap Around Tube: 165 DEGREES Expansion Loops: S-BENDS</p>	\$2,520.00	\$2,520.00
		HEATER FURNACE UNIT H-5001		
20	4	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-5001 / B6138 Reference 08514-040 Tag Numbers: TI-50124, TI-50125, TI-50129, TI-50130</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE</p>	\$2,750.00	\$11,000.00

		<p>Measuring Junction: GROUNDED Sheat Length: 246" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 5-9/16" OD Wrap Around Tube: 105 DEGREES Expansion Loops: (5) 3-1/2" OD</p>		
		HEATER FURNACE UNIT H-5301		
21	7	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-5301 / B6139 Reference 08514-040 Tag Numbers: TI-53143, TI-53145, TI-53161, TI-53162, TI-53173, TI-53175, TI-53176</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 142" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 5-9/16" OD Wrap Around Tube: 105 DEGREES Expansion Loops: (3) 3-1/2" OD</p>	\$2,495.00	\$17,465.00
22	1	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-5301 / B6139 Reference 08514-040 Tag Numbers: TI-53174</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE</p>	\$2,520.00	\$2,520.00

		<p>Measuring Junction: GROUNDED Sheat Length: 143" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 5-9/16" OD Wrap Around Tube: 105 DEGREES Expansion Loops: (3) 3-1/2" OD</p>		
		HEATER FURNACE UNIT H-5302		
23	8	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-5302 / B6139 Reference 08514-040 Tag Numbers: TI-53146, TI-53147, TI-53165, TI-53166, TI-53177, TI-53178, TI-53179, TI-53180</p> <p>Thermocouple: Thermocouple Type: K Sheat Diameter: ¼" Sheat Material: INCONEL 600 Single or Dual Element: SINGLE Measuring Junction: GROUNDED Sheat Length: 77" Lead Wire Insulation: TEFLON Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF Instrument Connection: ¼"ID x ½" COMPRESSION FITTING Conduit Connection: ¼"ID x ½" COMPRESSION FITTING Terminal Block: MFR. STANDARD Heater Connection Type: COUPLING (BY OTHERS) Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts: Heatshield Material: INCONEL 800 Weld Pad Material: INCONEL 800 Full Tube Clip Material: 310SS</p> <p>Bend Detail Tube Diameter: 5-9/16" OD Wrap Around Tube: 105 DEGREES Expansion Loops: (3) 3-1/2" OD</p>	\$2,375.00	\$19,000.00
		HEATER FURNACE UNIT H-5303		
24	4	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-5303 / B6139 Reference 08514-040 Tag Numbers: TI-53148, TI-53149, TI-53181, TI-53182</p> <p>Thermocouple: Thermocouple Type: K</p>	\$2,380.00	\$9,520.00

		<p>Sheat Diameter: ¼"</p> <p>Sheat Material: INCONEL 600</p> <p>Single or Dual Element: SINGLE</p> <p>Measuring Junction: GROUNDED</p> <p>Sheat Length: 77"</p> <p>Lead Wire Insulation: TEFLON</p> <p>Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF</p> <p>Instrument Connection: ¼"ID x ½" COMPRESSION FITTING</p> <p>Conduit Connection: ¼"ID x ½" COMPRESSION FITTING</p> <p>Terminal Block: MFR. STANDARD</p> <p>Heater Connection Type: COUPLING (BY OTHERS)</p> <p>Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts:</p> <p>Heatshield Material: INCONEL 800</p> <p>Weld Pad Material: INCONEL 800</p> <p>Full Tube Clip Material: 310SS</p> <p>Bend Detail</p> <p>Tube Diameter: 5-9/16" OD</p> <p>Wrap Around Tube: 105 DEGREES</p> <p>Expansion Loops: (3) 3-1/2" OD</p>		
25	4	<p>WIKA-GAYESCO Model TC59 Tubeskin Thermocouple – Radiant Section, Type RFPD, Unit H-5303 / B6139</p> <p>Reference 08514-040</p> <p>Tag Numbers: TI-53163, TI-53164, TI-53183, TI-53184</p> <p>Thermocouple:</p> <p>Thermocouple Type: K</p> <p>Sheat Diameter: ¼"</p> <p>Sheat Material: INCONEL 600</p> <p>Single or Dual Element: SINGLE</p> <p>Measuring Junction: GROUNDED</p> <p>Sheat Length: 78"</p> <p>Lead Wire Insulation: TEFLON</p> <p>Head Description: ½"x M20 x 1.5 ALUM.EXP. PROOF</p> <p>Instrument Connection: ¼"ID x ½" COMPRESSION FITTING</p> <p>Conduit Connection: ¼"ID x ½" COMPRESSION FITTING</p> <p>Terminal Block: MFR. STANDARD</p> <p>Heater Connection Type: COUPLING (BY OTHERS)</p> <p>Hex Reducer Bushing: 1-1/2" x ½" REDUCER BUSHING</p> <p>Weldable Parts:</p> <p>Heatshield Material: INCONEL 800</p> <p>Weld Pad Material: INCONEL 800</p> <p>Full Tube Clip Material: 310SS</p> <p>Bend Detail</p> <p>Tube Diameter: 5-9/16" OD</p> <p>Wrap Around Tube: 105 DEGREES</p> <p>Expansion Loops: (3) 3-1/2" OD</p>	\$2,385.00	\$9,540.00
TERMS & CONDITIONS				
		<p>PAYMENT TERMS</p> <p>*100% Pre-payment with PO *</p> <p>DELIVERY TIME</p> <p>16 -18 wks After WIKA's Drawings approval and payment (ARAD)</p>		

		<p>The delivery time of the items offered could be subject to changes generated by events outside the company's control, such as:</p> <ol style="list-style-type: none"> 1. Climatic phenomena that do not allow the transport of raw material to the factory, local transport abroad of the manufactured material and/or international transport of the product. 2. Disruption of public order in the country of origin, country of transit and/or final country. 3. Criminal and/or terrorist acts. 4. Any other event considered force majeure. <p>INCOTERMS CFA – Miami, FL, USA</p> <p>Volume & Weight Volume and weight TBD</p> <p>Packing Material will be Securely packed in wooden crates suitable for air freight and export. Wooden crates are certified ISPM-15. Special Packing for Ocean Transport (Sea Packing) is available at additional cost</p>		
		<p>PURCHASE ORDER ACCEPTANCE: Must include the following, Drawings, the following items must be received.</p> <ol style="list-style-type: none"> a. Purchase Order Number b. Complete Bill To Invoice Address / Instructions c. Contact name and number <p>APPROVAL DOCUMENTS: Client must provide WIKA Instruments, LP with the following information at time of order placement: Engineering Design and Schedule will be HELD until all information is received</p> <ol style="list-style-type: none"> a. Reactor Design Pressure and Temperature b. Material specifications c. Thermocouple nozzle details including inside diameter and space limitations d. Drawings: Reactor assembly, catalyst support grid, distributor trays, internal supports, and tray penetrations as applicable. e. Thermocouple point location, elevation, and tag numbers. f. Client or Third Party Inspection requirements g. Certifications and or Approval Requirements (ASME Code 'U' stamp, PED, ATEX, IECEx, SC, etc.). h. WIKA Instruments, LP cannot be held responsible for project material requirements, inspection requirements, or markings required by accredited bodies or organizations if these specifications and/or requirements are not supplied in English. If English copies of the specifications cannot be supplied, additional costs for translation services will be applied to the quoted price i. WIKA Instruments, LP will not be responsible for or assume any liability for the accuracy of technical drawing and document translation from English to another language. <p>CUSTOMS CLEARANCE All duties, taxes or fees associated with customs clearance are the responsibility of the consignee, unless specifically noted otherwise</p> <p>VAX Taxes are not included</p> <p>CHANGE POLICY:</p>		

	<p>Any change requests received after initial kickoff meeting may result in additional time and cost to customer.</p> <p>ASME POLICY: All pressure retaining components will be designed, manufactured and tested per ASME BPVC Section VIII, Division 1, Latest Edition/Addenda. WIKA Instruments, LP can include code inspection and ASME U stamp with a U2A Certificate for an additional charge.</p> <p>QUALITY POLICY: WIKI Instruments, LP's Quality Assurance Program is in accordance with ISO 9001:2008. We are certified by DNV on certificate number: 91913-2011-AQ-USA-RvA. Our quality systems meets the same BPVC requirements in order to provide the Code 'U' stamp per Section VIII, Division 1.</p> <p>KICKOFF MEETING: At the Client's request, and at a location of the Client's choosing, a WIKI Instruments, LP representative may be present for a project kick-off meeting. The cost would be \$1,000 per day. Airline tickets, lodging, meals and local transportation would be billed at cost, plus an additional 10% administrative fee.</p> <p>GENERAL WARRANTY: WIKI Instruments, LP warrants its products to be free from defects in material and/or workmanship for a period of eighteen (18) months following shipment or twelve (12) months following start up, whichever occurs first, provided that written claim be made during the period of the warranty. WIKI Instruments, LP's obligation under this warranty is limited solely to repairing or replacing necessary parts and in no event shall WIKI Instruments, LP be liable for damages in excess of the amount paid by the purchaser. Unless agreed to in writing, WIKI Instruments, LP hereby disclaims any warranties express or implied with respect to merchantability or fitness for particular purposes regarding the goods and/or services conveyed under this agreement. WIKI Instruments, LP expressly disclaims any liability, to the full extent permitted by law, for any special, incidental, or consequential damages, including property damage, lost profits, loss of use, or other economic loss resulting from the use of WIKI Instruments, LP products and/or services. Correction of any manufacturing defect covered by our standard warranty will be FOB Seller's Plant and include a minimal evaluation fee (waived if the product is found to have a manufacturing defect). We understand that longer warranty time frames (10 + years) can be desired and we also offer an extended warranty program. Please contact our office distributor for more information or any questions</p>		
	<p>Project Cancellation POLICY charges: After receipt of a formal Purchase Order, there may be a cancellation free. Milestones will be as follow:</p> <p>15% Up to submittal of Engineering & Design Drawings and Documents</p> <p>25% After submittal of Engineering & Design Drawings and Documents</p> <p>50% After material order placement and before production commences</p> <p>75% Within two weeks of production release</p> <p>100% Two weeks after production commences</p>		

HANDLING, STORAGE, PACKING, PRESERVATION AND DELIVERY

		<p>HANDLING, STORAGE, PACKING, PRESERVATION AND DELIVERY</p> <ol style="list-style-type: none"> 1. Store products (Assemblies, T/C or RTD Sensors, Thermowells, etc.) in original packing. They should be stored in a climate controlled space, but at a minimum, the space should be protected from the elements, be above 0°C, and must remain dry at all times. 2. All storage areas shall be positively identified to prevent damage, deterioration or misuse of product. 3. Once original packing has been opened, visually inspect product for flaws due to manufacturing / shipping (see warranty statement). 4. If packing appears to have been damaged in shipping, then the box/crate must be opened immediately and product inspected. Damaged containers shall be reported back to WIKA Instruments, LP USA within 5 business days of receiving. 5. If original packaging has been opened (i.e. inspection upon receipt) but product is to remain in storage, packaging should be restored to original state whenever practical. 6. Product left in opened packaging must be periodically inspected for damage, deterioration or misuse. 7. After inspection release at WIKA Instruments, LP, any further inspection requirements are per plant specifications. 		
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TECHNICAL NOTES

		<p>ASME BPVC SECTION VIII, DIVISION 1</p> <p>All pressure retaining components will be designed, manufactured and tested per ASME BPVC Section VIII, Division 1, Latest Edition/Addenda. WIKA-Gayesco can include code inspection and provide a U stamp with a U2A Certificate for an additional charge</p> <p>WIKA-GAYESCO QUALITY STATEMENT</p> <p>WIKA-Gayesco's Quality Assurance Program is in accordance with ISO 9001. Our quality systems meets the same BPVC requirements in order to provide the Code 'U' stamp per Section VIII, Division 1.</p>		
		<p>MATERIAL TESTING AND INSPECTION INCLUDED</p> <p>Individual Thermocouple Tolerance Verification per ASTM E220</p> <p>It is important to verify the accuracy of each individual thermocouple that will be placed in service. Each thermocouple is compared to a NIST traceable standard limits of error and the results documented.</p> <p>Positive Material Identification – PMI – ASTM E1085 & E1086</p> <p>With Positive Material Identification, the alloy composition, and thus the identity of materials can be determined. WIKA-Gayesco performs in-house PMI using x-ray fluorescence alloy analyzer</p>		
		<p>ENGINEERING DESIGN DRAWINGS AND DOCUMENTS – Submitted for Design & Construction Approval</p> <p>General Arrangement Assembly Drawings Reactor Thermocouple Pint Location Junction Box Arrangement Thermocouple Support Hardware (if applicable) Inspection & Test Plan Welding Procedure with Supporting PQR (if specified only)</p> <p>Note: Only three (3) vendor data submittals will be provided: Original Issue, Revised</p>		

		Issue and Final/As-Built issue. Additional comments or changes requiring additional submittals will be charged \$350.00 per document in addition to any material or supply charges.		
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PRELIMINARY ENGINEERING AND PRODUCTION SCHEDULE

This schedule may be affected by factors outside of WIKA-Gayesco's control. This is not anticipated, but if it the case, then the delivery may be affected as well

WEEKS		ENGINEERING DESIGN & DRAWING SCHEDULE
ARO	ARAD	AFTER RECEIPT OF ORDER
1	0	WIKA-Gayesco received purchase order and all required information
4	0	*WIKA-Gayesco submittal of Engineering Design Drawings and Documents for Review and Approval
6	0	Two weeks - estimated time for client drawing review and material and construction approval
TYPICAL PRODUCTION SCHEDULE AFTER RECEIPT OF APPROVED DRAWINGS		
When design and construction approval is received and confirmed, WIKA-Gayesco will schedule the shipping date based on Client Approval Date		
8	2	Manufacturing Package which will include materials, inspection and testing requirements and production scheduling
9	3	Shop Work Orders generated and major materials are released for purchase
10	4	Production Release and Estimated receipt of materials
20	14	Fabrication complete
21	15	Final Inspection & Packing
16		WEEKS ARAD DELIVERY
22		WEEKS ARO DELIVERY - based on approved drawing receipt by due date
* A signed Confidentiality Agreement with client must be received prior to drawing submittal		

Please Transfer to Account of:
Bank: Amerant Bank
Address: 220 Alhambra Circle, Coral Gables,
Florida 33134, USA
ABA: 067010509
Swift: MNBMUS33

Beneficiary: INTECH INSTRUMENTOS Y EQUIPOS
C.A.
Account # 8303790106

Subtotal	US\$	148,380.00
Freight	US\$	Included
Insurance	US\$	-
Docs	US\$	Included
TOTAL	US\$	148,380.00