

PRODUCT CATALOG

Do you want
to right solution for
your machine PLC controllers ?

THE RIGHT
SOLUTIONS

Are you looking
for better controllers for
your machine become productive ?

THE RIGHT
TECHNOLOGY

Are you interested
to develop new customized
dedicated PLC according to demand ?

THE RIGHT
PARTNER

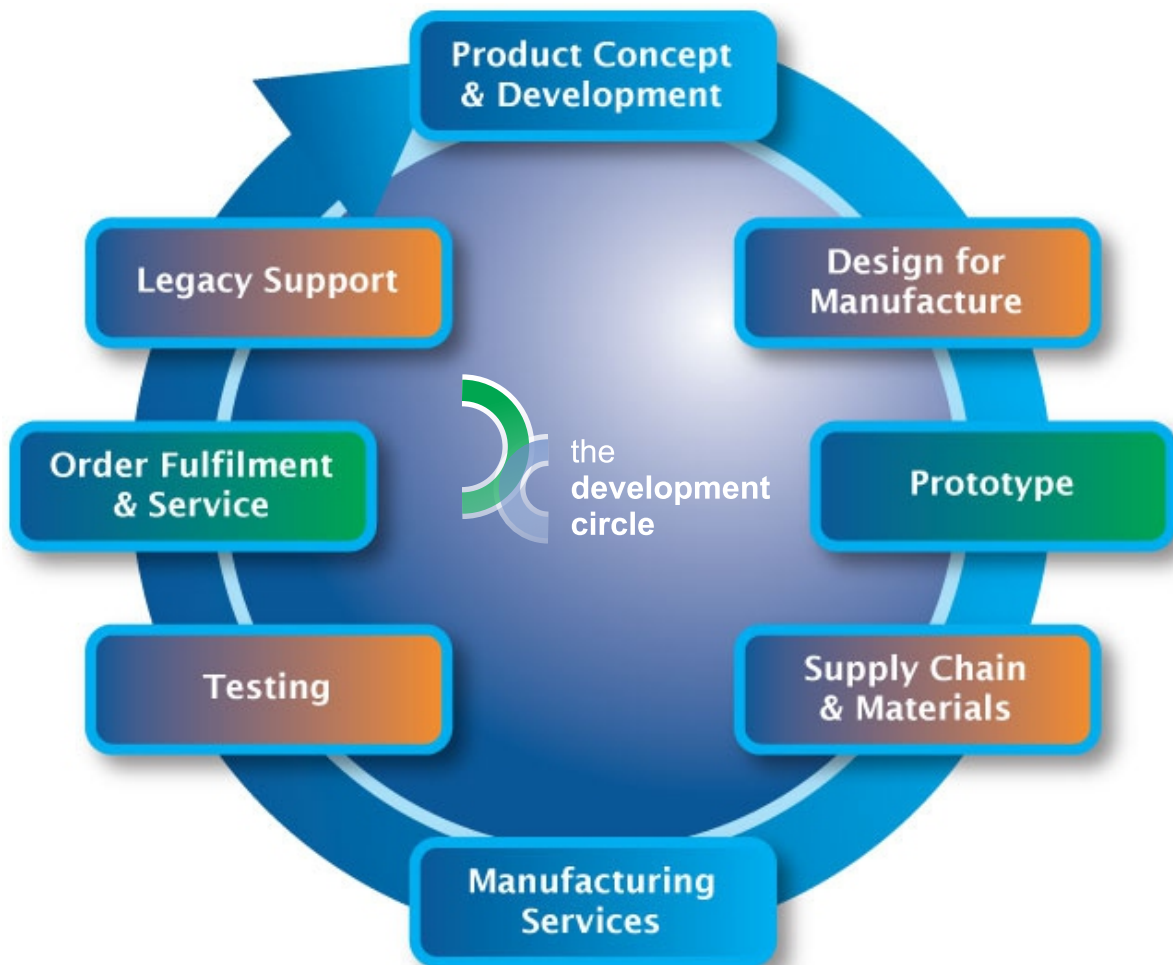


ALLIED TECHNO CONTROL SYSTEMS

PLANT AND PRODUCTION MONITORING / PROGRAMABLE CONTROLLERS

DEDICATED ELECTRONIC CONTROL SYSTEM MANUFACTURER

NEW PRODUCT DESIGN ENGINEERING FLOW



PRODUCT LINE

MEDICAL / PHARMA

PRESS PLANTS

PACKING MACHINERY

PLANT MONITORING

TEXTILE LAB MACHINERY

HATCHERY / POULTRY

**MACHINE
DEDICATED ELECTRONIC
CONTROL SYSTEMS
MANUFACTURER**

The Supremacy of credibility
Keep improving

Continuous Innovation
The Sustainable
Development



Fully Customization
available for almost all
controller types



New Development
Available for required
Dedicated PLC controllers

**PROUD TO BE :
MADE IN PAKISTAN**



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ALLIEDTECHNOLOGIST@GMAIL.COM

www.alliedtechno.com



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Introduction

Allied Techno Control Systems was formed in 2002 by a group of multi-talented technical professionals to provide one source for complete Engineering and Product Development Expertise, AL.

Our ideal client profile ranges from a company with low product development capability for Dedicated Electronic Control Systems, seeking to develop new / upgrade products, to a large company, with a need to OFF-Load electronics works to a sophisticated engineering support facility.

Our staff's skill, experience, and dedication to excellence ensure allied-techno a place at the forefront of our industry.

Our talented engineers / technicians set the highest standards for efficient, accurate design and precision manufacturing. Our Control Panels demand precision, durability and well thought-out design.

As a working partner in your business, we don't stop at the shipping dock, but remain your partner from design consultation to inventory control. We help you make the right decisions and then produce the right systems with accuracy and precision.

THIS WAY WE ENSURE YOU WILL RECEIVE TOP QUALITY PLC PRODUCTS THAT MEET YOUR TOUGHEST DEMANDS, IA.

EGG HATCHER INCUBATOR CONTROL

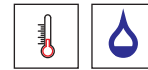
Model: CH1-H2

- Heating and Humidity Controller
- Data Logger Thermal Printer Interface (optional)
- Communication Port for Temp. Data Log and event Log on PC Software
- Outputs Indication at front panel
- High / Low Heating and Sensor Alarms
- RTD Temp. Sensor Probe Interface with 1% accuracy

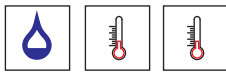


90-260V
50-60Hz
5-55°C

320 W
240 H
135 D



OPTIONAL:



OPTIONAL:



EGG SETTER INCUBATOR CONTROL

Model: CH1-H3

- Dual Heating and Humidity Controller
- Data Logger Thermal Printer Interface (optional)
- Communication Port for Temp. Data Log and event Log on PC Software
- Outputs Indication at front panel
- High / Low Heating and Sensor Alarms
- RTD Temp. Sensor Probe Interface with 1% accuracy



320 W
240 H
135 D

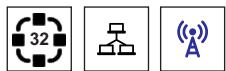
90-260V
50-60Hz
5-55°C



EGG HATCHERY MONITORING SOFTWARE

Model: CH1-SW

- Live Data Dash Board
- Data Log (max. 2 Month)
- Chart View - Print - Export - Customized
- Selected Unit Data Export to Excel with selectable Interval time and Days
- Dynamic Dash Board Layout (user can set software layout according requirement)
- Single Admin / Multi User Password
- Alarm Data Center / View and Log Alarm



MONITORING DATA CONTROL UNIT

Model: CH1-DAQ1

- Monitoring Data Controller is suitable for Egg Hatcher and Setter Incubator up to 16 nodes
- Industrial Grade RS-485 Communication
- Fan Less / Solid State Design
- WiFi / LAN Compatible



360 W
420 H
150 D

90-260V
50-60Hz
5-55°C

HATCHER / SETTER INCUBATOR CONTROL Model: 7S-H1

- Dual Heating and Humidity Controller
- High / Low Heating and Sensor Alarms
- RTD Temp. Sensor Probe Interface with 1% accuracy
- Solid State Control No Mechanical Part



90-260V
50-60Hz
5-55°C

200 W
135 H
55 D

customization

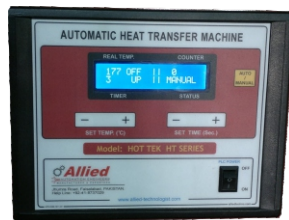


MULTI



SOCKS PRESS MACHINE CONTROLLER Model: Press S2

- Dual Heater PID Controller for Upper and Lower Heat Plate for Socks Press Plant
- Temperature Control up to 300 Deg. Cent.
- Time Control up to 999 Seconds
- Dual PID Temperature Controller Logic
- Batch Counter Re-settable
- Pieces Count Per Stroke Adjustable
- Solid State Design

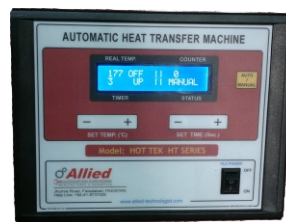


90-260V
50-60Hz
5-55°C

210 W
160 H
55 D

HEAT TRANSFER MACHINE Model: HTD-6

- HTD Series Controller (Four Inputs - Five AC SSR Outputs - Two DC SSR Outputs - Two Temp. Sensor Inputs)
- Temperature Control up to 300 Deg. Cent.
- Time Control up to 999 Seconds
- PID Temperature Controller Logic
- Batch Counter Re-settable
- Pieces Count Per Stroke Adjustable
- Total Life Cycle Counter (Non Reset)



90-260V
50-60Hz
5-55°C

210 W
160 H
55 D

customization



PAD PRINTING MACHINE CONTROLLER Model: XPAK-05

- Suitable for low cost Pad Print Machine
- Timer Setting in millisecond accuracy
- Production Quantity Counter
- Internal Self Diagnose and Alarming
- External Self Diagnose and Alarming
- Auto / Manual Operation
- Rotary Table Output



190-240V
50-60Hz
5-55°C

190 W
90 H
65 D

STEAM STERILIZER AUTOCLAVE Model: STEAM TECH 20L

- Autoclaves Micro Processor Control is Suitable for Capacity 200 to 600 Liters Sterilizers
- Internal / External Steam Selectable
- Temperature up to 134 C, Time up to 30 Minutes
- Printer Output for Time, Temp. and Status Reporting
- Single and Double Doors Selectable
- Onscreen Temp., Time, Doors and Steam Indication

Programmable Settings According to Capacity:

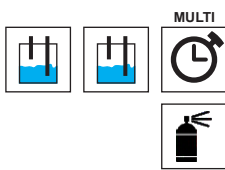
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|------------------|---------------------|
| 1- Steam Pulse | 2- Dry Cycle |
| 3- Post Vacuum | 4- Pre- Vacuum Time |
| 5- Purging Cycle | 6- Steam Exit Time |

90-260V
50-60Hz
5-55°C

210 W
160 H
55 D



OPTIONAL:



AUTOCLAVE INPUT OUTPUT CARD Model: IOC-950

- Input Output Card Compatible with SAC-950 Series AUTOCLAVE PLC
- Tank / Steamer Dual Water Level Controller
- All Functions Run with Interlocking to avoid any Damage or User Mishandling
- Chamber / Jacket Pressure Input (121/134)
- Mechanical Safety Relay for Steam Valve

Programmable Settings According to Capacity:

1- Water Inlet Timer (up to 30min)	2- Heater On Timer
3- Feeding Pump Timer	4- Output On/Off Delay

(many more safety timers, Ref. to manual)

300 W
190 H
55 D

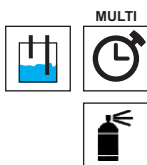
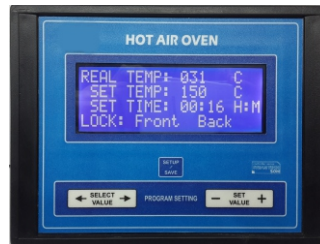
90-260V
50-60Hz
5-55°C

HOT AIR STERILIZER OVEN Model: HA-20

- Suitable for Dry Air Circulation Hot Air Autoclaves
- Internal / External Steam Selectable
- Temperature up to 300 C, Time up to 24 Hours
- Printer Output for Time, Temp. and Status Reporting
- Single and Double Doors Selectable
- Onscreen Temp., Time and Doors Indication

90-260V
50-60Hz
5-55°C

210 W
160 H
55 D



INSTRUMENT WASHER / DIS-INFECTOR Model: WI-240

- Fully Automatic Programmer for Instrument Washer
- Multi Stage Washing and Timer Editable during Run
- Auto Drain and Water Level controller
- Soap / Dis-infector Pump Control Accurately
- Water Spray Pump Control and safety

210 W
160 H
55 D

90-260V
50-60Hz
5-55°C

WASTE INCINERATOR CONTROLLER Model: INCI-30A

- Timer up to 240 minute
- Primary Temp. up to 850, Secondary up to 1100 DegC.
- Burner or Blower Tripping Alarms
- Auto Start at Power Fail During Process
- Fast Temperature Rise Control Function Automatic Detect Fast Burning Materials and Save Burner Fuel Consumption by turn OFF/ON burner automatically
- Adjustable Pre-Heat Time and Temp.



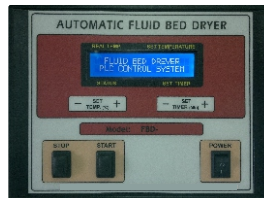
90-260V
50-60Hz
5-55°C

210 W
160 H
55 D

customization
to meet your requirements



MULTI



customization
to meet your requirements

210 W
160 H
55 D

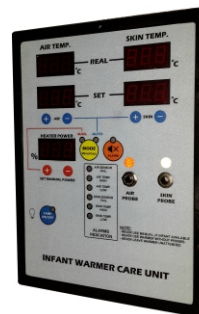
90-260V
50-60Hz
5-55°C

FLUID BED DRYER CONTROLLER Model: FBD-6

- Simple and Easy to Operate (full auto)
- Suitable for Gas and Electric Heating
- Gas Fail Alarm
- Internal Self Diagnose System
- Temperature Control up to 175 Deg. Cent.
- Time Control up to 99 Minutes
- Sensor Fault Alarm

INFANT WARMER CONTROLLER Model: 7S-WARMER

- Suitable for Sensors Controlled Infant Warmer Trolley
- Automatic Pulse Control Heating System
- High / Low Heating and Sensor Alarms
- Manual / Auto Heating Operation
- Dual YSI400 Temp. Sensor Interface with 1% accuracy
- Sensor Faults Indication and Sound Buzzer
- No Mechanical Part / Solid State Control
- Dual Therapy Lights Control



190-240V
50-60Hz
5-55°C

190 W
255 H
55 D

customization
to meet your requirements



APGAR



customization
to meet your requirements

250 W
200 H
100 D

90-260V
50-60Hz
5-55°C

WALL MOUNT WARMER CONTROL Model: WMW-950+

- Ready To use Wall Mount Infant Warmer Controller, Suitable for Existing non Automatic Infant Warmer Simple Heaters
- Fully Automatic Servo Voltage Control Heating
- High / Low Heating Alarms
- Manual / Auto Heating Operation
- YSI400 Temp. Sensor Interface with 1% accuracy
- Sensor Faults Indication and Sound Buzzer

PACKING MACHINE CONTROLLER Model: PACK-TECH Series

- Suitable for Pneumatic / Stepper / Clutch Based Vertical Pouch Pack Machine
- Double Temperature Control up to 300 C (Auto Tune PID)
OR Double Servo / Stepper Motor Control
- Reset able Piece Counter
- Non Reset able Master Life Counter for warranty
- Up to 16 Multi Sync Delay-Duration Timers
- Packet Per Minute Speed Display
- Manual / Semi Auto and Full Auto Operation

Programable Multi Timers:

- 1- Pull Belt 2- Vertical Sealer 3- Vibrator 4- Horizontal Sealer
5- Nitrogen 6- Half / Full Cutter 7- Cycle Delay



90-260V
50-60Hz
5-55°C

210 W
160 H
55 D



300 W
190 H
55 D

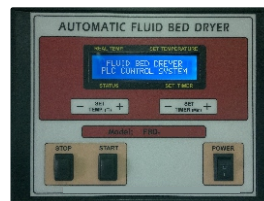
90-260V
50-60Hz
5-55°C

LAB COLOR ASSESSMENT CABINET Model: CAC-120

- Seven Individual Hour meter for each Tube
- Up to Seven Tubes Controlled Output (F-CWF-UV-D65-TL84-TL83-N) :custom name and front design also available on demand:
- Hour meter records each second-minute-hour of tube life
- Secure hour meter reset function
- Cabinet total life meter
- All tube turn off at power fail return
- Latch function to run up to all tubes
- Single Touch for tube On/Off ;previous tube automatically turn off, when new one selected:

LAB HT / IR DYEING CONTROLLER Model: LD-24

- Suitable for Intelligent Fully Automatic Lab HT Dyeing machine
- Single Zone Fuzzy Logic Control (optional)
- Traditional On/Off Control
- Motor Reverse/Forward Operation(optional)
- Intelligent Inching Steps for Cup Position
- Intelligent Heating and Cooling Control
- Temperature Control up to 200 Deg. Cent.
- Timer Control up to 120 Minutes
- Audibly Buzzer for System status



90-260V
50-60Hz
5-55°C

210 W
160 H
55 D



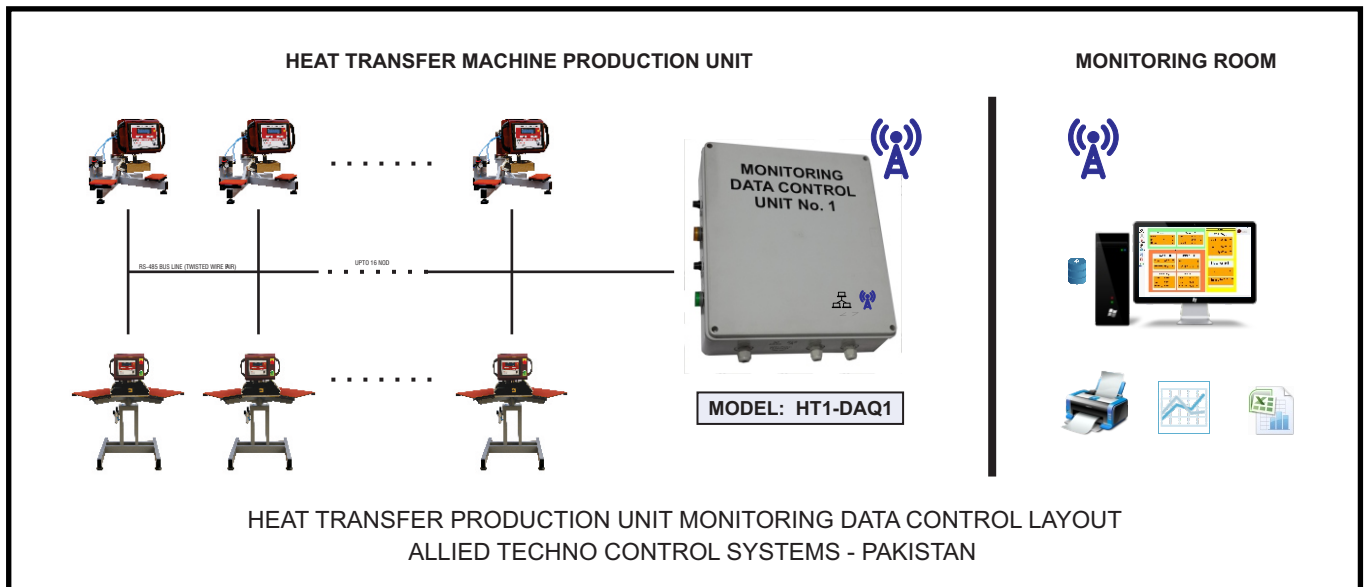
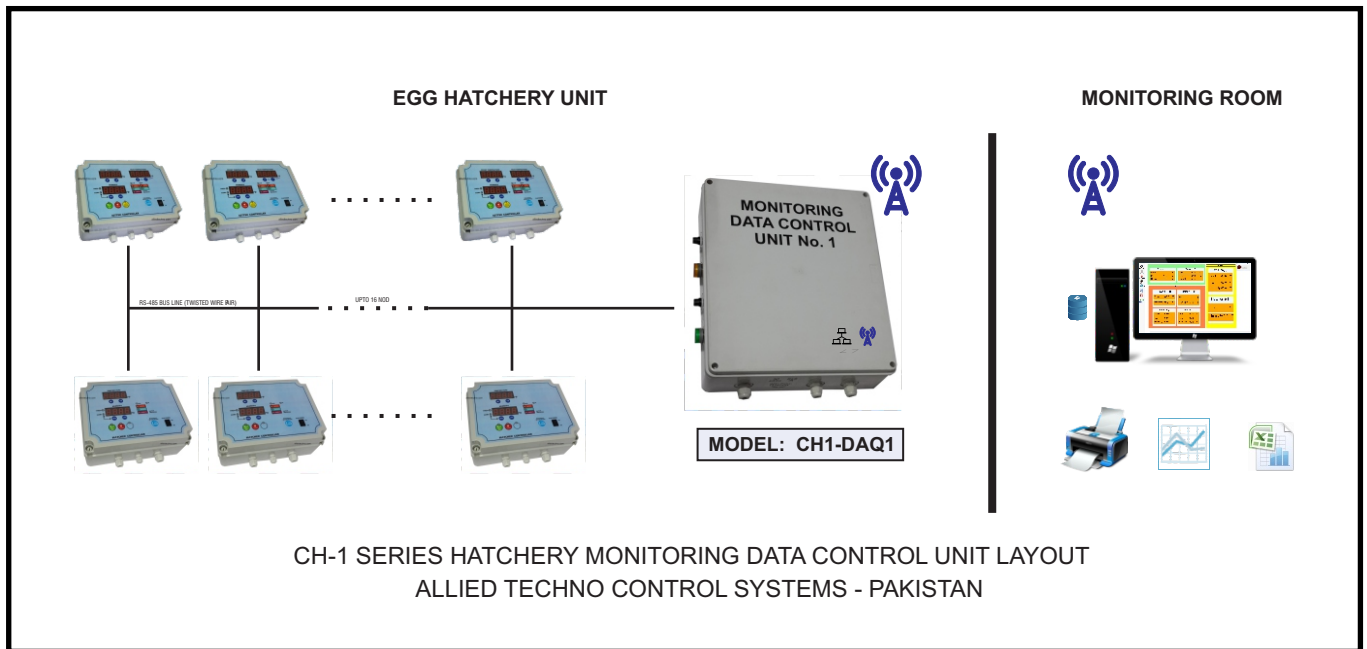
210 W
160 H
55 D

90-260V
50-60Hz
5-55°C

LAB PILLING / ABRASION TESTER Model: LP-25

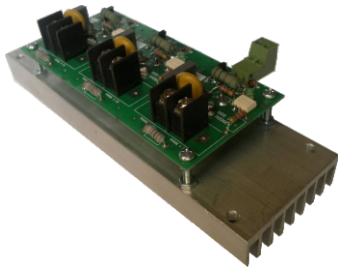
- Suitable for Lab Abrasion and Pilling Tester machine 6 Station
- Solid State Outputs
- Counter Setting up to 20,000 counts
- Stand alone system with printer report out
- Lid Sensor/counter pulse inputs
- Five Inch Graphics LCD Blue Back light
- Audibly Buzzer for System status
- Power fail safe design, High Efficient
- Running Process Bar indication

PRODUCTION MONITORING AND CONTROL SYSTEMS



FULLY CUSTOMIZABLE PRODUCTION AND PLANT MONITORING SYSTEM AVAILABLE IN DEMAND, PC BASED AND STAND ALONE.

THREE PHASE 2.5KW SSR



MODEL: 33W POWER SSR

DUAL HEATER DRIVE AC SSR



MODEL: 25W POWER SSR

YSI400 COMPATIBLE SKIN PROBE



MODEL: YS-6

STEAM STERILIZER 40-80Liter



MODEL: SS-300

**PANEL MOUNT THERMAL
PRINTER 80mm PAPER**



MODEL: TP-80

ENGINE PROTECTION MODULE



MODEL: EPM-40

ENGINE PROTECTION MODULE



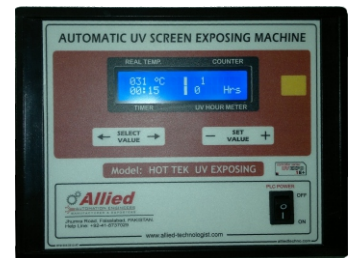
MODEL: EPM-80

PS-1 TIME AND TEMP. CONTROL



MODEL: PS-1

UV SCREEN EXPOSER UNIT



MODEL: UVEXPO-1E+

MORE PROCESS CONTROLLERS:

- 1- MILK CHILLER TANK
 - 2- AUTOMATIC MORTUARY COOLER UNIT
 - 3- LAB TEST AHIBA IR DYEING
 - 4- JEANS SCRAPPING ROBOT
 - 5- GAS / ELECTRIC OVENS
 - 6- PIZZA OVEN DIGITAL
 - 7- HEAT TREATMENT OVEN
 - 8- HEAT AGING TEST OVENS WITH PRINTER
 - 9- ROLL TO ROLL HEAT TRANSFER MACHINE
- and many more.

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TEXTILE ASIA 2015



HANNOVER MESSE GERMANY



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ITALIAN CLIENTS



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SYSTEMS SOLUTION**



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