



- Hot Runner Temperature Controllers
- Temperature Controllers
- Plastic/Rubber Machine Controllers
- Slim Strong Relay
- Solid State Relay
- Ceramic Band Heaters
- Displacement Transducers
- Pressure Transducers
- Load Cells
- Inverters

COMPANY EXPECTATION



Founded in 1987, ARICO Technology Co. Ltd., has since committed itself in the development of industrial products and technologies to become a customer-satisfying solutions provider.

Besides researching and developing full range of sophisticated temperature control units, PC based human-machine interfaces and customized control equipment, ARICO introduces excellent products needed by related industries to expand the supply scope, bettering the company's ability to meet the customers' expectation and demand of product upgrades.

Our responsibilities:

1. High efficiency of organization operation and production management
2. A comprehensive marketing and service network
3. Maintenance of products competitiveness

And continue to exert our efforts and commitment in

"Reliability"

"Functionality"

"Economy"

"Advance"

COMPANY VISION



The trademark of ARICO TECHNOLOGY CO., LTD., consists of a white human icon, three squares and alphabets **ARICO**

- ▶ The white human icon symbolizes ARICO's humanity-based developments and its emphasis on and concern for humanity, which confers a positive meaning of soaring upward.
- ▶ The blue squares denote to the close combination of the customers, suppliers and ARICO, who thrive and prosper together in their pursuit for excellence and perfection.
- ▶ **ARICO** is the abbreviation of A Right Controller Supplier, representing the company's determination and conviction to become "an excellent industrial control products provider".
- ▶ The business spirit of ARICO is founded on professionalism, steadiness and customers' trust. The company has spared no efforts in innovating its products to meet international standards and becoming a worldwide brand.



A Right Controller Supplier!

Hot Runner Systems

Hot runner systems have become popular and important, its technological advantages allowed improved reliability and the escalation to forming plastic parts. In the cavities of the mold, the plastic materials prices made hot runner systems more desirable and resulting in cost effective of wasteless.

ARICO hot runner controllers are specialized temperature controllers that keep specialized injection mold components at the design temperature in order to keep molds higher efficiently. It's flexibility allows easy configuration to meet individual customer needs for wide range challenging applications. The solid precision hardware structure, high quality material, custom-designed project and after-sales service shall guarantee your satisfaction.



Plastic Machine Controllers

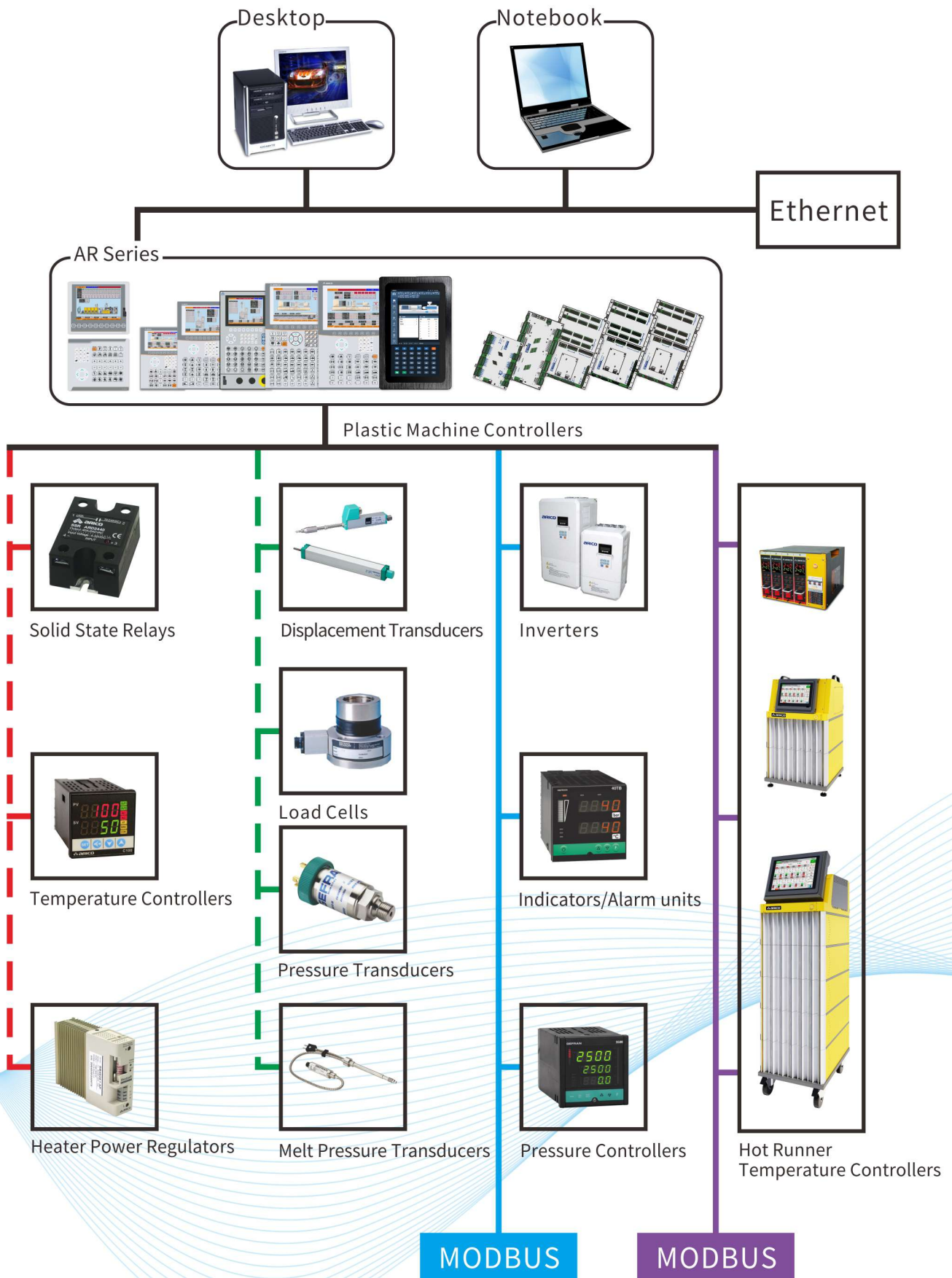
ARICO Taiwan Corp. new design "AR series" efficient industrial processing controller. The integrated innovative wise technology with reliable Distributed Control System contains higher performance. Software combined with State-of-art window screen to provide smart and instinct object-oriented editing style hybrid switching with simple and popular PLC ladder program editor. His high-speed Ethernet communication network link-up between Humanity Interface and remote devices to displaying the future one-stop control advantages!

It can be broadly applied to automated machinery control, such as injection molding, extruder machine controllers and equipment.



ARICO TECHNOLOGY

Total Solutions for Plastic Machine



Plastic Machine Controllers

AR Series



- Fast software interrupt timing is 0.25 ms apply to control, enhance the accuracy of more than 2 times the displacement
- It is simple to update all of program via USB memory driver
- DCS control (HMI and Remote I/O module) for easy access of external device and/or controller
- Various HMI size options: 7", 8", 10.4" and 12.1" or touch panel (10.4" & 12.1")
- High speed Ethernet communication between HMI and Remote I/O module
- RS-485 and Ethernet (Optional) Interface
- State-of-the-art window system HMI Screen Editor design
- PLC ladder editor for process program
- I/O function define self and shift function

Hot Runner Temperature Controller

TC50

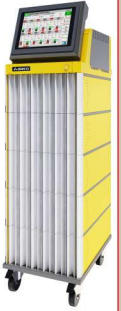


- Detecting the leakage of material
- The module plug-in designed for maintains easily
- 7" LCD display with touch panel
- Rack type cabinet design
- Group setup function
- The curve display of temperature
- Power balance detection and display
- Self diagnosis log
- Synchronized temperature raising/lowering (Standby)

Multi-Cavity Hot Runner Temperature Controller

TC5200

- Adjustable user perspective: 110°-145°
- Rack type cabinet design
- 10.4" TFT SVGA LCD
- Automatic shutdown for heater abnormality
- Current, output percentage display function
- Synchronized temperature raising/lowering
- Detection for heater open and short circuits
- Heat dissipation function for heat sink over-heat
- Follower function for thermocouple disconnection
- Module memory (Internal and external USB drive)
- The module plug-in designed for maintains easily
- 8 curves display (Temperature, output percentage)
- RS-485 communication function: ASCII and RTU mode
- Internal alarm buzzer (With alarm sound stop switch)
- To protect the power source input wrong wiring and less phase



Pressure controller

2500



- 4 digital inputs
- Two auxiliary analog inputs
- High precision: 0.1% f.s. ± 1 digit
- Automatic calibration for 6-wire strain gauge
- PID controls with 8 sets of select able parameters
- 4 configurable alarms, failsafe function
- Transmitter power supply and strain gauge probe power supply
- 4 relay outputs with configurable function
- expansion with 4 configurable digital inputs and/or outputs
- Front panel with three 5-digit displays and two bar graphs

Indicators/Alarm Unit

40TB



- Inputs configurable from faceplate
- Control of sensor power supply (Input 1)
- Selectable code protection
- Possibility to configure the unit
- Power supply for transmitters
- Retransmission of variable values
- 3 alarms completely configurable from faceplate
- 4-wire, configurable serial line

Hot Runner Temperature Controller

TC5H



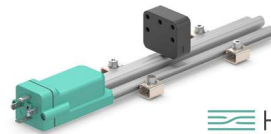
- Simple designs
- LCD display
- Internal alarm buzzer
- One-key activated/deactivated standby function
- Fast alternative for 230 V/380 V power input
- Universal standardized chassis for any brand of module
- RS-485 communication function: ASCII and RTU mode
- Automatic shutdown for heater abnormality
- Automatic switch to manual mode if thermocouple breaks
- Overvoltage protection
- (To avoid module burned by incorrect usage)

Melt Pressure Transducer



- The main characteristic of this series is the capability to read temperature of the media up to 400°C
- Pressure ranges from:
0-35 to 0-2000 bar/0-500 to 0-30000 psi
- Accuracy : $< \pm 0.25\%$ FSO (H); $< \pm 0.5\%$ FSO (M)
- Internally generated 80% calibration signal (R-Cal)
- Fluid-filled system for temperature stability
- Grade of protection: IP65

Displacement Transducer



HYPERWAVE
HIGH PERFORMANCE MAGNETOSTRICTIVE TECHNOLOGY

- Strokes from 50 to 1500 mm
- Work temperature: -20...+75°C
- IP67 protection
- Power supply 24 Vdc $\pm 20\%$
- Electromagnetic compatibility EMC 2014/30/EU
- Compliant to the directive RoHS 2011/65/EU
- The absence of electrical contact on the cursor eliminates all wearing and guarantees almost unlimited life
- Direct and reverse signal for a wide flexibility of use
- The high performance in terms of EMC immunity make the WPG series suitable for use in industrial environments with presence of electromagnetic interferences

Pressure Transducer



- Ranges: from 1 to 1000 bar
- Nominal Output Signal:
4...20 mA (2 wires)
0...10 Vdc/0.1...5.1 Vdc/0.1...10.1 Vdc/0...5 Vdc/
1...5 Vdc/1...6 Vdc/1...10 Vdc/0.2...10.2 Vdc (3 wires)/
0.5...4.5 Vdc (3 wires-ratiometric)
- Compact size
- Wetted parts: Stainless steel
- SIL 2 certified according to IEC/EN 62061:2005
- cULus certification available
- KS transmitters are based on film sensing element deposited on stainless steel diaphragm

Solid State Relay



- High voltage and current resistance
- Built-in thermal pad that avoids installation problems or quality concerns
- Super slim figure makes minimal frame space
- Photo coupler isolation for IN/OUT up to 4000 VAC
- 2-Level signal inputs, low current input

Temperature Controller



- Triple color LCD display and PV/SV value two-color display for indication and alarm
- Current indication & Retransmission
- Dual P.I.D control for heating and cooling
- Manual and soft-start output control
- Triple color LCD display and PV/SV value two-color display for indication and alarm

Heater Power Regularter























































- Selection of output modes:
1. Phase angle control
2. Phase angle soft start & zero cross working
- Built-in overheat indicator & cooling fin
- Built-in fuse protection
- Super slim figure, saving body's space
- Secure CE wiring terminal, easy for wiring

Products Overview

GEFRAN Agent & other products

Pressure Transducers												
	K3 Series		KE Series		KN Series							
	M3 Series		ME Series		MN Series							
	M5 Series		M6 Series		KS/TK							
Displacement Transducers												
	LT/LT67/LTC		PC		PK		PA1		PY1/PY2/PY3			
	PZ12/PZ34		PC67/PZ67A/PZ67S		PMA12/PME12/PMI12		PMI-SL/PMI-SLE					
	IC		PR65		PS		PCIR					
	WPG-A			WPP/WPA Series			WRP/WRA/WRG Series					
Controller/Alarm unit/ Programmer/Indicator												
	4T48	4T96	40TB	40B96	400-401	450	600	650	2400	2500		
Power Controller/ Solid State Relay												
	GRM-H	GRP	GRP-H	GRS	GRS-H	GRZ	GRZ-H	GQ				
Ceramic Band Heater												
	Ceramic Band Heater			Insulation Plus Ceramic Band Heater			Air Cooled Ceramic Band Heater					

Products Overview

Temperature Controllers V Series										
	V100	V200	V300	V400	V500					
Temperature Controllers C Series										
	C100	C200	C300	C400	C500					
Temperature Controllers A Series										
	A1AN	A1DN	A2DA	A2DD	A3AN	A3AA	A3AD			
										
A3DA	A3DD	A4AA	A4AD	A4AN	A4DA	A4DD				
Temperature Controllers TC Series										
	H2DA	TC2DA	TC3AA	TC3AO	TC3DA					
										
TC3DO	TC4AA	TC4AO	TC4DA	TC4DO						
Hot Runner Temperature Controllers										
	TC5200	TC5100	TC500	TC5T	TC5H	TC5E				
			Valve Gate Controller							
TC50	TC5V	Valve Gate Controller		TC5V						
Plastic Machine Controllers										
	AR800/AR810/AR1280/AR2000/AR2010/AR2100					AR/FT Series - HMI				
Solid State Relay										
	ARD24 Series	ARD48 Series	SY Series	SV Series	SW Series					
Heatsoft			Signal Transmitter							
	SB Series		Signal Transmitter		TR100/TR200					

授權經銷商 DISTRIBUTORS



長新科技股份有限公司
ARICO TECHNOLOGY CO., LTD.

總公司【Headquarters】

☎ +886-2-2910-1266

☎ +886-2-2915-9434

✉ info@arico.com.tw

📍 231028 新北市新店區寶橋路 235 巷 1 弄 1 號 8 樓
8F., No. 1, Alley 1, Lane 235, Baoqiao Rd.,

Xindian Dist., New Taipei City 231028, Taiwan

🌐 www.arico.com.tw/www.arico.tw



台北工廠【Taipei Factory】

☎ +886-2-2910-1077

☎ +886-2-2910-1056

台中分公司【Taichung Branch】

☎ +886-4-2291-7011

☎ +886-4-2292-4021

台南分公司【Tainan Branch】

☎ +886-6-253-9940

☎ +886-6-253-9945

華南總經銷

東莞亞洛克【Dongguan】

☎ +86-769-8390-2101~3

☎ +86-769-8398-8791

華東總經銷

上海瑞昂【Shanghai】

☎ +86-21-6111-5256~9

☎ +86-21-6227-0065