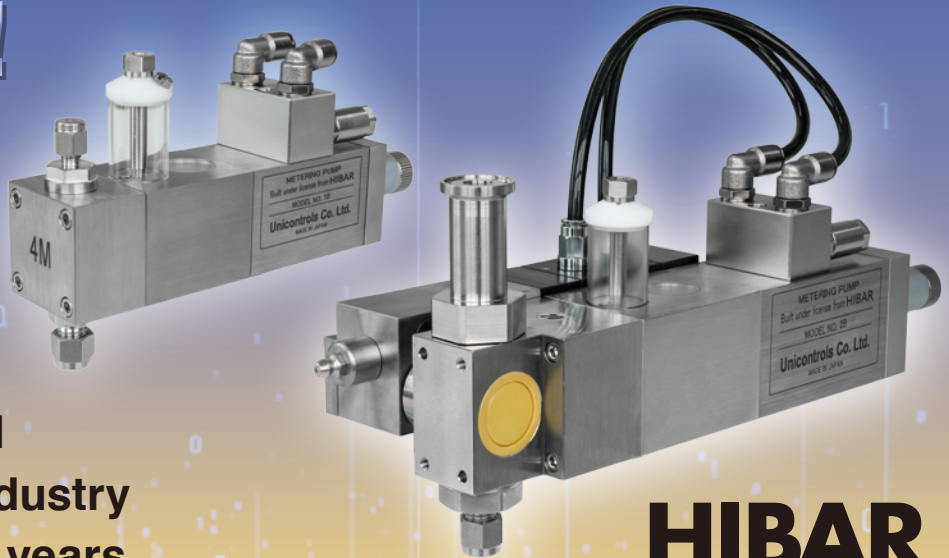


# Hibar Precision Pumps are back !

**Unicontrols has officially taken over the HIBAR brand and its tradition as the industry standard for over 50 years.**



## HIBAR

On December 16, 2021, Unicontrols entered into a license agreement with Tesla Toronto Automation ULC for exclusive manufacturing and exclusive sales of the Hibar Precision Pump business. Unicontrols will insure customer satisfaction by drawing upon our extensive liquid control experience and focussing on quality control and shorter lead times.

### Unicontrols support system

#### QUALITY CONTROL

- ▶ Strict Quality Assurance
- ▶ ISO 9001 Certified
- ▶ In-house manufacturing & assembly

#### DELIVERY

- ▶ Focused to reduce delivery timelines.
- ▶ Stocked standard parts inventory.
- ▶ The correct parts every time.

#### CUSTOM PARTS


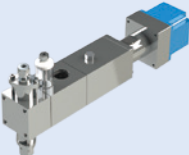




- ▶ Development and manufacturing
- ▶ Stocked as required.
- ▶ Customer specific requirements

### So, what is Unicontrols ?

Unicontrols has been developing, manufacturing, and selling liquid-related pressurized tanks, agitators, and liquid discharge equipment (plunger pumps, dispensers, etc.) since its foundation in 1976. Since 2005, Unicontrols has also been the sole distributor and sales/customer support agent for HIBAR Systems Ltd. in Japan, Taiwan, South East Asia, and China. HIBAR has a proven track record in the food, cosmetics, pharmaceutical, packaging, and battery industries with their engineering expertise and wealth of experience.

***We would like to take this opportunity to introduce you to the HIBAR pump range.***


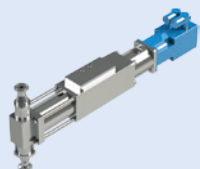


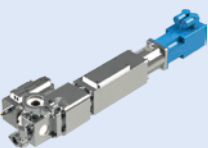

### 1B/1S AND 2B/2S series

Pneumatic Driven	Servo-Motor Driven	Stepper Motor Driven	<p>1B/2B series has been used as a primary product for over 30 years in demanding technical applications that require excellent dispensing accuracy.</p> <p>The 1B/2B series offers models with a maximum dispensing capacity of 0-20ml.</p> <p>Both 1B and 2B have a check valve for low viscosity liquids and a rotary valve pump head for high viscosity liquid agents.</p> <p><b>The drive can be selected from the following:</b></p> <p><b>- Pneumatic driven type:</b> Set the dispensing volume as well as suction/dispensing speed manually using a high-precision micrometer.</p> <p><b>- Stepper motor driven type:</b> The dispensing volume and dispensing speed can be easily set using a personal computer or an external control device such as a PLC. It includes a motor and driver set.</p> <p><b>- Servo-motor driven type:</b> Which designs the driving part according to the servo motor selected by the customer.</p>
Check Valve (For low viscosity)			
			
Rotary Valve (For high viscosity)			
			

# Hibar Precision Pumps are back !

# HIBAR

## 4H/4S AND 5H/5S series

Pneumatic Driven	Servo-Motor Driven	ROBO Cylinder Motor Driven
Check Valve (For low viscosity)		
		
Rotary Valve (For high viscosity)		
		

The 4H/5H series is designed for high-precision liquid dispensing applications in the food, cosmetics, and pharmaceutical industries. The 4H pump comes in various sizes with a maximum dispensing volume of 5ml to 250ml, and the 5H pump has a maximum dispensing volume of 1 or 2 liters.

Both the 4H and 5H models are equipped with check valves for low viscosity liquids and rotary valve pump heads for high viscosity liquids.

**The drive can be selected from the following:**

**- Pneumatic driven type:**

The dispensing amount as well as suction/dispensing speed are manually set using a high-precision micrometer.

**- ROBO Cylinder motor driven type:**

The dispensing volume and dispensing speed can be easily set using a computer or external control device such as a PLC. The motor and driver are included.

**- Servo-motor driven type:**

The drive unit is designed to match the servo motor selected by the customer.


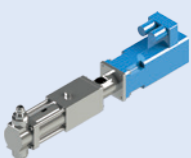

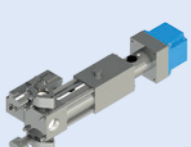
## 4H/4S electrolyte compatible type series

Pneumatic Driven	Servo-Motor Driven	ROBO Cylinder Motor Driven
Check Valve (For low viscosity)		
		



This is the wet cup specification of the H series, which was developed for dispensing electrolytes and is also effective for liquids that crystallize.

The basic specifications are the same as those of the H series.

## 2B Food & Cosmetic type series

Pneumatic Driven	Servo-Motor Driven	
Check Valve (For low viscosity)		<p>2FC Series Metering Pump (FOOD &amp; COSMETIC Model)</p> <p>For food and cosmetic applications where easy disassembly and cleaning is required, the FC pump is ideal.</p> <p>The FC pump is made of stainless steel with few internal parts, making cleaning and maintenance easy.</p> <p>All sizes of standard 1B and 2B pumps are available.</p>
		
Rotary Valve (For high viscosity)		
		

## FT-1/FT-1R series Fill Tube

FT-1 series	<p>The FT-1/FT-1R series is the ideal nozzle for dispensing liquid or slurry-like substances that tend to "string" without dripping, in the food, cosmetics, and pharmaceutical industries.</p> <p>It is made of stainless steel and has a one-piece structure, making it easy to clean and maintain.</p> <p>A wide range of sizes are available, and customization is also possible to meet your needs.</p>
	
FT-1R series	
	

[CONTACT]

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