

July 25, 2023

Quality Management Div.  
CANON ANELVA CORPORATION

Dear Valued Customer,

DISCONTINUATION NOTICE of TURBO MOLECULAR PUMP CONTROLLERS  
MANUFACTURED BY OSAKA VACUUM

Thank you for choosing CANON ANELVA products.

We would like to inform you a discontinuation of the turbo molecular pump controllers, manufactured by Osaka Vacuum, which are embedded in CANON ANELVA equipment.

CANON ANLEVA promises to continuously improve the product quality and reliability, in order for ensuring all customers' satisfaction. Thank you for all of your support.

Sincerely,

## NOTE

## Discontinued Parts and Substitute Parts

| No. | Controller Model   |                  |
|-----|--------------------|------------------|
|     | Discontinued Parts | Substitute Parts |
| 1   | TC010MA            | TC010 MB         |

The substitute parts' compatibility has been verified and confirmed.  
For details, please refer to the attached sheet; COMPARISON TABLE.

Discontinuation Date: September 30th, 2023

Substitute parts' shipment will be starting from October 1st, 2023.

Please contact your nearest Sales or Service Office for more details.

COMPARISON TABLE

| Model                       | TC010MA (Discontinued Parts) |                   |         | TC010MB (Substitute Parts) |                   |         |
|-----------------------------|------------------------------|-------------------|---------|----------------------------|-------------------|---------|
| Applicable Pump             | TG390M<br>TG420M             | TG900M<br>TG1300M | TG2400M | TG390M<br>TG420M           | TG900M<br>TG1300M | TG2400M |
| Input voltage               | AC 180—264V                  |                   |         |                            |                   |         |
| Phase                       | Single                       |                   |         |                            |                   |         |
| Frequency                   | 50/60 Hz                     |                   |         |                            |                   |         |
| Biggest electricity         | 0.7 kVA                      | 1.2 kVA           | 1.2 kVA | 0.7 kVA                    | 1.2 kVA           | 1.2 kVA |
| Output frequency            | 680 Hz                       | 560 Hz            | 520 Hz  | 680 Hz                     | 560 Hz            | 520 Hz  |
| Use temperature             | 5 - 40 °C                    |                   |         |                            |                   |         |
| Use humidity                | 5 - 80 %                     |                   |         |                            |                   |         |
| Weight                      | 11 kg                        |                   |         |                            |                   |         |
| Serial communication RS232C | D - sub 9Pin Male connector  |                   |         |                            |                   |         |
| Remote Connector            | D-sub 37Pin Female connector |                   |         |                            |                   |         |
| Output cable                | Identical                    |                   |         |                            |                   |         |
| Power supply cable          | Identical                    |                   |         |                            |                   |         |
| Low-speed driving           | None                         |                   |         | Available                  |                   |         |
| Front panel size (W×H)      | 213×149 mm                   |                   |         | 209.6×149 mm               |                   |         |
| Main body size (W×H×D)      | 210.5×129×405.5 mm           |                   |         | 210.5×129×404.9 mm         |                   |         |

## &lt;Precaution&gt;

The substitute controllers are not interchangeable because of the rotational speed (internal program) setting differences among pumps being paired with.

Applicable pump models are indicated on a sticker placed on a top panel of a controller.