

February 3rd, 2025

Industrial Device Business Division,
Panasonic Industry Co., Ltd.

Notice : Release of New AC Servo System "MINAS A7" Family

Dear Customers,

This is to inform the new AC servo system "MINAS A7" family will be released on February 4th, 2025.

■ Product concept

Agile adaptability to equipment, people, and applications.

■ Features

1. The industry's first commercialized servo system equipped with AI.
Realizes precise automatic adjustments that surpass those of a master craftsman, reducing work time by 90% (AI-based automatic tuning function).
2. Achieves the industry's best motion performance (response frequency of 4.0 kHz or more, expanded S-T characteristics, encoder resolution of 27 bits, etc.)
3. Easily achieves high-precision control with application-specialized servo driver.
(special-order lineup)

■ Main applications:

Semiconductor equipment, electronic component mounting machines, machine tools, industrial robots, etc.

■ Basic specifications and lineup

Power supply : Single-phase AC100 V, Single/three-phase AC200 V

Rated output : 50, 100, 200, 400, 750, 1000 W

Rated speed : 3000 r/min

Control method:

EtherCAT communication (series name: A7B)

RTEX communication (series name: A7N)

Lineup includes direct sensor feedback (displacement control *special ordered)

*Lineup is to be expanded in the future

■ Product information URL *Available from February 4th, 2025 onwards.

JP) <https://industry.panasonic.com/jp/ja/products/motor/fa-motor/ac-servo>

EN) <https://industry.panasonic.com/global/en/products/motor/fa-motor/ac-servo>

※Detailed pages in English will come soon.

