

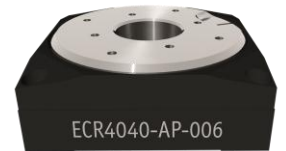
## press release

### ECR4040AP & ECR4040AP/NUM – Bearing-based rotators with integrated aperture

attocube's Industrial Line of positioners is complemented by the new rotator ECR4040AP enabling endless rotation both clockwise and anticlockwise with torques up to 2 Ncm. The bearing based design offers exceptional stability in combination with highest precision piezo technology.

Specifically designed for optical experiments the ECR4040AP features a ½" aperture in the rotator center. With a total footprint of 40 mm x 40 mm and a standardized mounting pattern the outer design of this rotator matches the dimensions of standard optical equipment and components such as breadboards, cage plates, etc.

As all Industrial Line positioners, the ECR4040AP is also available with an integrated optoelectronic position encoder featuring a sensor resolution of 0.04 m° and a repeatability of +/-2 m°. The controller of choice which can drive all positioners both in open and closed loop mode is the ECC100. State of the art interfacing, such as USB, TCP/IP and EPICS via Ethernet, TTL and AquadB triggers, DLL and LabVIEW™ enable the implementation of the positioning units in almost any experiment.



attocube's new Industrial Line  
positioner | ECR4040 AP

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