

The Mirka logo is displayed in a bold, black, sans-serif font on a bright yellow rectangular background.A large, detailed image of the Mirka AIROS 300P robotic polisher. It features a yellow cylindrical body with the 'MIRKA' brand name in black, mounted on a black robotic arm. The arm is shown in a close-up, angled view, highlighting the tool's design and the 'MIRKA' branding on its components.

Mirka® AIROS 300P

Mirka's robotic tools are globally renowned and valued for their excellent design and build quality. The AIROS 300P robotic polisher continues this legacy, providing efficient rotary polishing for industrial applications.



Mirka® AIROS 300P

Rotary Polishing Tool for Robotic Use



The Mirka® AIROS 300P is a rotary polisher tool designed for precision surface finishing in automated environments. This lightweight polisher is part of the Mirka automation range and provides a rotary option that complements Mirka's assortment of oscillating polishers.

Engineered for demanding industries like automotive, aerospace, woodworking, and electronics, the Mirka AIROS 300P is optimized for polishing a variety of parts and surfaces. Whether you're processing bumpers or electronics casings, the AIROS's powerful, brushless 350 W motor and speed range of 1,000–3,000 rpm offer exact and efficient polishing.

mirka.com

Dedicated to the finish.



MIRKA

Advantages of the AIROS 300P

Just like the AIROS 312P, the new **Mirka® AIROS 300P** is fully compatible with Mirka's motor drive cabinets and supports Modbus and Profinet communications. The key difference from the AIROS 312P model is that the Mirka® AIROS 300P offers rotary polishing instead of random orbital polishing. Rotary polishing is, for many applications, more effective than random orbital polishing and also more precise for polishing sharp angles and curved surfaces.

The **AIROS 300P** (*Automated Industrial Rotary Polisher*) is a durable polisher with a 77 mm pad and an ISO 9409-1 compatible flange for mechanical robot coupling. It's an appliance that enables efficient precision surface polishing for modern automation solutions.

Key features

- **High Speed Range:** The polisher operates between 1,000 and 3,000 rpm, making it versatile for a wide range of polishing tasks.
- **Lightweight Design:** Weighing just 1.4 kg, the AIROS 300 easily integrates into robotic arms and automated systems, enhancing flexibility and speed in your industrial applications.
- **High Power Output:** With 350 W of power, the polisher provides a strong, consistent performance suitable for demanding tasks in automotive, aerospace, and other industrial sectors.
- **Compatibility:** Designed to work seamlessly with Mirka AIROS Driver/Cabinet and its cables, ensuring smooth integration and efficient operation in automated setups.

Consistent Quality

The electrical rotary polisher is optimized for robotic applications, making it the ideal tool for industries that rely heavily on automation to enhance efficiency and maintain consistent quality.

For example:

Automotive Industry

Perfect for polishing automotive parts to achieve a high-quality finish on interior and exterior parts like bumpers and spoilers.

Aerospace

Suitable for polishing delicate aerospace components.

Composite Industry

Applicable in any setting where precision polishing of, for example, sinks, helmets and other composite products is automated.



Technical Data

Mirka® AIROS 300P

Power	350 W
Speed	1,000–3,000 rpm
Weight	1.4 kg
Motor	High-powered BLDC motor
Pad size	77 mm (3")

Mirka code: MIA3001011. Pad included: 8294791311.