

MIRKA

Mirka® AIRP 300

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



Mirka® AIRP 300

Rotary Polishing Tool for Robotic Use



The Mirka® AIRP 300 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 AIRP 300 is optimized for polishing a variety of parts and surfaces. Whether you're processing bumpers or electronics casings, the AIRP's powerful, brushless 350 W motor and speed range of 1,000–3,000 rpm offer exact and efficient polishing.

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Dedicated to the finish.

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Advantages of the AIRP 300

Just like the AIROP, the new Mirka® AIRP 300 is fully compatible with Mirka's motor drive cabinets and supports Modbus and Profinet communications. The key difference from the AIROP model is that the Mirka® AIRP 300 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 AIRP (*Automated Industrial Rotary Polisher*) 300 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 AIRP 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® AIRP 300
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.