

**MIRKA**

# CORDLESS SOLUTION

Where convenience meets control.

# About Mirka

**MIRKA LTD** is a family-owned Finnish company and a world leader in abrasives technology innovation. We are offering a complete range of technically superior, high quality abrasives, innovatively designed tools, complete sanding systems and supplementary products. This total innovative solution delivers real benefits to customers in terms of speed, first-class efficiency, surface finish quality and cost effectiveness, even when tackling the most demanding applications.

Mirka is the first company in its sector to obtain the three most important quality standards. The production process

guarantees reliable quality by following the ISO 9001 quality assurance system. The OHSAS 18001 occupational health and safety management system ensures a high level of work safety. The ISO 14001 environmental management system proves that we consider the environment in all our activities.

97 percent of our products are exported and sold across the globe through our subsidiaries and importers.



Read more: [www.mirka.com/en-us](http://www.mirka.com/en-us)



## Corporate Responsibility

### **CONTINUOUS IMPROVEMENT TOWARDS SUSTAINABILITY.**

Changing conditions inspire us to improve and grow our business. We see that our customers are as interested in sustainability as we are. This is why our product development is focused on innovating the best sustainable products and systems, while continually improving our own environmental performance.

Our business is focused on providing the best surface finishing preparation tools and systems to customers. To be the most sustainable finishing systems provider, we are digging deep down to the core of our company to figure out what it really means to be sustainable. We have accomplished a great deal already and have many more initiatives we will take on in the future.

For people working at Mirka, it has always been clear to not waste financial or material resources – of our own or those of our customers. We find it is equally clear to preserve the planet's resources. Sustainability is a natural extension of this approach. It means taking

the economy, the earth, and people into consideration when we make business decisions – now and for future generations.

We are continuously looking for opportunities to reduce our environmental footprint – this aligns with our company values and also cuts costs. We have worked hard to conserve energy and raw materials, reduce waste, increase recycling, and decrease the use of persistent chemicals. We are developing healthier, safer, and more efficient products and processes so that our customers and employees will benefit. For example, our dust-free sanding systems help protect the lungs of workers while giving a cleaner and better surface finish.



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# Mirka® Cordless. Where convenience meets control.

## Cordless convenience

Mirka cordless tools are light, ergonomic and optimized for spot repair and finessing. Ideal for professionals who appreciate the freedom of untethered movement, they are incredibly nimble, quiet, and small. The brushless motor needs very little maintenance. To minimize downtime, Mirka cordless sanders come with two 2.5 Ah, max 12 V Li-ion batteries and a charger. The cordless polishers and ANGOS grinder come with two 5 Ah, max 12 V Li-ion batteries. Batteries and chargers are also sold separately.

Create a complete cordless system with Mirka's cordless sanders, polishers, spot repair abrasives, and polishing compounds.

## Complete control

With variable speed on the trigger, you get easy control of the process by touch. Mirka's cordless tools are top-quality models with Bluetooth connectivity, which gives you additional options for digitally controlling the process via the myMirka® app. The latest features are RPM range management and auto-stop function (in-app purchases). It's never been easier to standardize your spot repair or finessing process.





Mirka® ARP300-B rotary cordless polisher with 3" backing pad and 5 Ah Li-ion battery

# Spot Repair Solution Tools and Accessories



Iridium™ SR



Mirka® AOS130-B and AROS150-B Sanders



Polarshine® 12



Damper with water



Mirka foam pad, yellow waffle



Grey microfiber cleaning cloth



Mirka® ARP300-B and AROP312-B Polishers



Mirka Multi-purpose belt

# Easy Spot Repair Solution

Spot repair with Mirka® AOS130-B sander and the Mirka® AROP312-B cordless polisher



To remove defect, use Iridium™ SR and Mirka® AOS130-B sander.



Always apply water to both the abrasive and the defect area. Use the Mirka damper for best results.



Lightly press with the sander and sand for 2–3 seconds.



Wipe clean and check the surface. Repeat step 3 if needed. Use Mirka soft microfiber cloth.



Prepare for final polishing with the cordless AROP312-B polisher, Mirka® Yellow waffle pad, and Polarshine® 12 compound.



Apply a small amount of Polarshine® 12 on the polishing pad or directly to the affected surface area.



Polish by gently pressing. Use at moderate speed. Wipe clean and check the surface. Repeat if necessary.



Use Mirka soft microfiber cloth for final cleaning.

# Mirka® AOS130-B and AROS150-B



## Mirka Cordless Sanders

Move freely without getting tangled in cords or hoses to make easy and efficient spot repairs with Mirka's cordless sanders. The small, lightweight sanders have brushless motors. The ergonomic design ensures that the tools can be used comfortably for long periods without fatigue.

Cordless sanders are more energy efficient than pneumatic tools. They do not require oiling, which removes the risk of contamination. The sanders deliver consistent performance up to 16 hours in spot repair use. The 11.1V Li-ion battery charges in 45 minutes—so with two batteries, there is no downtime.

Mirka® AOS130-B has a 3 mm orbit, whereas Mirka® AROS150-B has a random 5 mm orbit for more efficient stock removal. Mirka's state-of-the-art cordless tools have Bluetooth connectivity. Download the myMirka® app to make use of advanced features such as auto-stop function and RPM range management (in-app purchases).





# Technical Specifications

## Features and benefits

- Small and ergonomic, very comfortable to use
- Quick start and adjustable rpm up to 8000
- Low noise levels and no disturbing cable or hose
- Long usage time, up to 16 hours, for spot repairs
- Economic to use—energy efficient and quick-charging battery
- Easy attachment of backing pad thanks to Quick lock -system



Technical specifications	Mirka® AROS150-B	Mirka® AOS130-B
<b>Voltage</b>	max 12V	max 12V
<b>Speed</b>	4,000–8,000 rpm	4,000–8,000 rpm
<b>Orbit</b>	5.0 mm	3.0 mm
<b>Size of backing pad</b>	1¼"	1¼"
<b>Connectivity</b>	Bluetooth	Bluetooth

Battery charger	BCA108
<b>Input</b>	120 VAC, 60 Hz
<b>Charging time</b>	< 50 min (2.5 Ah); < 100 min (5.0 Ah)
<b>Storage temperature range</b>	–4 °F - 176 °F
<b>Charging temperature</b>	39 °F - 104 °F
<b>Dimension</b>	7.5" x 4" x 3.375"
<b>Net weight</b>	1.46 lbs

Battery pack	BPA10825 - BPA10850
<b>Type</b>	Rechargeable Li-ion
<b>Battery voltage</b>	11.1 VDC
<b>Capacity</b>	2.5 Ah / 5.0Ah

# Mirka® ARP300-B and AROP312-B



## Mirka Cordless Polishers

Mirka® ARP300-B and Mirka® AROP312-B are ideal for professionals; light, ergonomic and optimized for spot repair polishing. Incredibly nimble, they are easy to move around—with no cord to get tangled or air supply that can get contaminated. Quiet, small and very low maintenance thanks to the brushless motor.

Mirka® ARP300-B is a rotary polisher with a brushless motor and a 3" backing pad. The random orbital polisher Mirka® AROP312-B is similarly brushless with 3" backing pad and it has a 12 mm orbit. Mirka's state-of-the-art cordless tools have Bluetooth connectivity. Download the myMirka® app to make use of advanced features such as auto-stop function and RPM range management (in-app purchases).

## Features and benefits

- Small, light and ergonomic
- Strong and efficient – high torque and optimal rpm
- Very low noise level
- Intelligent and quick-charging battery in two sizes
- Possibility to standardize processes with the myMirka® app
- Variable speed trigger – adjust speed on the go





# Technical Specifications

Technical specs	Mirka® AROP312-B	Mirka® ARP300-B
<b>Voltage</b>	max 12V	max 12V
<b>Speed</b>	4,000–7,000 rpm	1,500–2,200 rpm
<b>Orbit</b>	12.0 mm	0 mm
<b>Size of backing pad</b>	3"	3"
<b>Weight (incl. battery)</b>	1.96 lbs	1.92 lbs
<b>Connectivity</b>	Bluetooth	Bluetooth

Battery charger	BCA108
<b>Input</b>	120 VAC, 60 Hz
<b>Charging time</b>	< 50 min (2.5 Ah); < 100 min (5.0 Ah)
<b>Storage temperature range</b>	–4 °F - 176 °F
<b>Charging temperature</b>	39 °F - 104 °F
<b>Dimension</b>	7.5" x 4" x 3.375"
<b>Net weight</b>	1.46 lbs

Battery pack	BPA10825	BPA10850
<b>Type</b>	Rechargeable Li-ion	Rechargeable Li-ion
<b>Battery voltage</b>	max 12V	max 12V
<b>Capacity</b>	2.5 Ah	5.0 Ah
<b>Intelligent battery</b>	Yes	Yes

# THE CORDLESS SOLUTION

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Where convenience  
meets control.



**MIRKA**

# Abrasives



Iridium™ SR 3 μ

**Part #: 24-340-3U**

» High precision spot repair abrasive for correcting small painting defects and removal of dust particles in top coats and clear coats.



Iridium™ SR 5 μ

**Part #: 24-340-5U**

» High precision spot repair abrasive for correcting small painting defects and removal of dust particles in top coats and clear coats.

## Microns and grits

The micron number is the unit used to measure size of particles in the abrasive. Corresponding grit:

Iridium™ SR 3 μ = P5000  
Iridium™ SR 5 μ = P3000

# Polishing Pads



Foam Pad, yellow waffle

**Part #: MPADYF-3.25W**

» Pad with excellent elasticity. Suitable for all kinds of polishing processes.



Foam Pad, black waffle

**Part #: MPADBF-3.25**

» Foam pad for hologram removal provides an excellent finishing on both fresh and fully cured paint works.



Lambswool Pad Pro

**Part #: MPADLWY-3**

» Pad made of premium wool fibers. Optimized for high performance in demanding applications.

# Polishing Compounds

## POLARSHINE® 12 POLISHING COMPOUND

**Part #: PC12-1L**

» Polarshine® 12 is a water-based and silicone-free 1 step polishing compound. Removes scratches from P2000 or finer. It has a perfect balance of haze and hologram versus speed of cut.



## POLARSHINE® 10 POLISHING COMPOUND

**Part #: PC10-1L**

» Ultimate single compound system designed for achieving the best result after sanding. It is suitable for all paint systems and for polishing of scratch resistant clear coats. Removes scratches from P1500 and finer.



## POLARSHINE® 5 POLISHING COMPOUND

**Part #: FC5-1L**

» Polarshine® 5 is developed to give a superior high gloss finish on various paints and lacquers. This water-based polishing compound removes swirl marks on paints and clear coats, leaving a high gloss finish.



# Battery Packs



## 2.5 Ah Intelligent Battery

**Part #:** BPA10825

**Type:** Rechargeable Li-ion

**Battery voltage:** max 12 VDC

**Capacity:** 2.5 Ah

**Intelligent battery:** Yes



## 5.0 Ah Intelligent Battery

**Part #:** BPA10850

**Type:** Rechargeable Li-ion

**Battery voltage:** max 12 VDC

**Capacity:** 5.0 Ah

**Intelligent battery:** Yes

**MIRKA**

 **Bluetooth®**



**my Mirka®**  
digital services & connectivity

## Digital solution by Mirka

Download the **myMirka® app** to try out advanced features.

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Dedicated to the finish.