

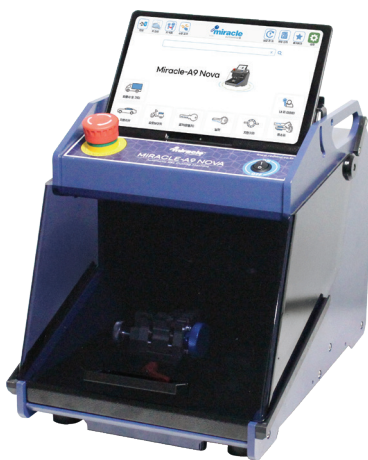
Automobile Key Production Solution

MIRACLE™-A9 Nova

MIRACLE™-A9 Nova



MIRACLE™-A9 Nova is Redt Inc.'s latest model, embodying our accumulated expertise in key-cutting technology and design innovation. It delivers performance that surpasses not only our previous models but also competing products. Equipped with state-of-the-art control technology and user-centric design, it ensures fast, precise, and safe operations. Its sleek, modern appearance complements any workspace with style.



Product Specifications

Dimensions	300(W) x 423(D) x 338(H) mm
Power Supply	AC 100V~240V, 50Hz/60Hz
Operating Power	24V, 4A
Power Consumption	80W
Weight	20 kg
Power Adapter	24V/4A or higher
XYZ Travel	130(X) x 58(Y) x 40(Z) mm
Spindle Rotation Speed	10,500 rpm
Spindle Motor Specification	37.9W, DC, Belt Drive
Tool Shank Diameter	6Φ
Tool Clamping Method	Set Screw
Communication	USB
Temperature/Humidity	5~40℃/10-90%

- Powerful Cutting Performance with Upgraded 37.9W Output and High RPM.
- Dual clamp system allows processing of various key types without the need for separate clamps or adapters.
- LM guides applied to all three axes for greater precision and stability.
- Dedicated application compatible with a wide range of digital devices.
- Supports large-head materials such as remote control keys.
- Intuitive user interface for smooth operation.
- Designed for fast, easy, and safe use by anyone.
- Innovative design that breaks away from conventional standards.

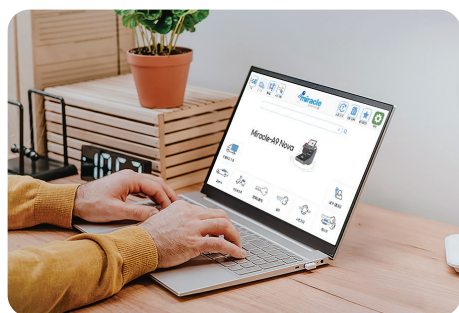


Design & Safety



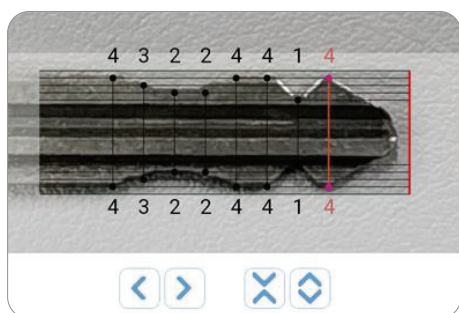
- Refined design with a wide acrylic front window, ergonomic carry handle, and universal tablet/mobile stand.
- Provides clear visibility of the cutting process while ensuring full operator safety.
- Large-handled keys, such as automotive remote and smart keys, can be secured without disassembly.

CodeMaster4 – Multi-Platform & OTA Support



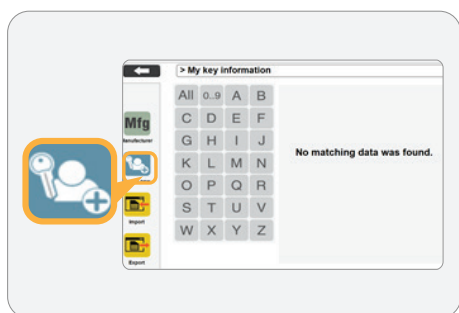
- Operate the A9 Nova through the CodeMaster4 app on PC, tablet, or smartphone.
- Supports Windows, Android, and iOS, with both wired and wireless options for flexibility.
- OTA updates keep the system up to date with the latest features and enhancements.

Photo Recognition System



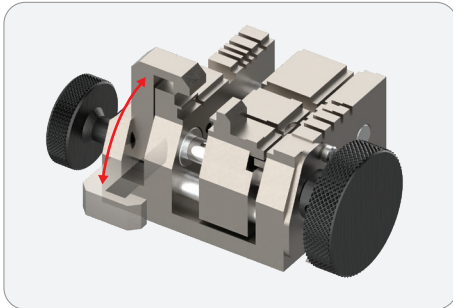
- CodeMaster4™ features a powerful key image recognition system that simplifies data extraction.
- Users can capture or upload a key image — including plastic keys — align it with the key's outline, and let the system automatically determine reference points and dimensions with no manual measurement required.
- This saves time, minimizes errors, and is especially helpful when working with unfamiliar, complex, or worn key types.

Advanced Capabilities



- The A9 Nova integrates customer data and key production history for efficient management.
- It is fully compatible with Instacode, giving locksmiths access to a vast key database for faster and more accurate work.
- With its built-in marking function, users can engrave names, numbers, or logos, adding personalized value for every customer.

Dual Clamp Supporting Various Keys



- Left side supports edge-cut and laser keys, while the right side supports dimple keys — no need to change vises.
- Equipped with a top auxiliary clamp for stable securing of edge-cut keys.
- Operates easily without additional accessories, enhancing portability and work convenience.

High-Precision LM Guide



- Dual LM guides applied to each axis ensure rigidity and precise motion.
- Load distribution minimizes vibration and backlash for smooth, accurate machining.
- Delivers consistent quality and durability in daily operation.

Enhanced Cutting Power and Higher RPM with a 37.9W Motor Upgrade



- Motor performance boosted from 27W to 37.9W for stronger, more stable cutting.
- Increased rotation speed to 10,500 RPM, a +2,000 RPM improvement over the previous model.
- Engineered with a low-vibration design for smoother, more precise engraving.
- Refined structure and component quality ensure consistent performance even during long-term operation.

Why MIRACLE-A9 Nova?



- Combines premium design, smart connectivity, and powerful performance in one compact solution.
- Built for professionals who demand speed, precision, and reliability.
- The MIRACLE-A9 Nova is a dependable and durable partner for locksmiths in every job.