

Combi+ Manipulator (Q8030)

Combi+ is a fast, easy to use, tablet-controlled safe lock manipulator for Opening Group 2 mechanical safe locks.



This highly capable machine can open most mechanical safe locks, typically under an hour!

The Combi+ is easily installed, controlled via tablet and user friendly, walking the user through each step of the process.

It can open many different styles of 3 and 4 wheel safe locks to include UL-Listed Group II and other non-UL Listed mechanical safe locks.



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Less than 60 Minute Average Opening Time

The Combi+ can manipulate most Group 2 three-wheel combination locks in less than 60 minutes. The finely tuned accelerometer can detect the contact points through the metal surface of most containers.



Compatible with Many Lock Types

Generally, all 3- and 4-wheel Group 2 mechanical combination locks are supported.

Examples of supported locks include:

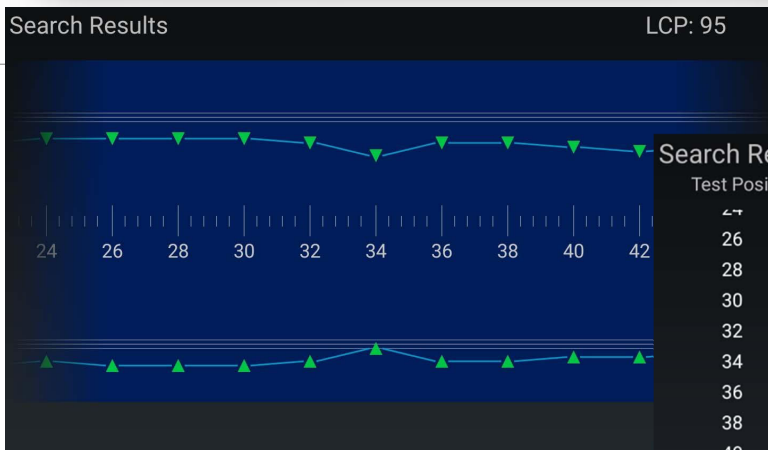
- S&G 6730
- S&G 6731
- S&G 6741
- LaGard 3330
- Big Red CDL - 3
- Big Red CDL - 4



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Tablet Included

The Combi+ is controlled via a tablet which connects through Bluetooth and USB. All settings and controls are accessible in a powerful, easy to use app on the tablet. The Combi+ is configured through the app to set the contact points, select the dialing configuration and other user-defined parameters.



Search Results				
Test Position:	Left Contact Point		Right Contact Point	Delta
24	95.5	█	95.5	0.0
26	95.5	█	5.5	10.0
28	95.5	█	5.5	10.0
30	95.5	█	5.5	10.0
32	95.6	█	5.4	9.8
34	95.9	█	5.1	9.2
36	95.6	█	5.4	9.8
38	95.6	█	5.4	9.8
40	95.7	█	5.3	9.6
42	95.8	█	5.3	9.5
44	95.7	█	5.2	9.5
46	95.8	█	5.2	9.4
48	95.8	█	5.3	9.5
50	95.7	█	5.3	9.6

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Features List:

- Finely tuned identification of Contact Points.
- Self-graphing viewable results.
- All Wheels Left, All Wheels Right and Single Wheel search modes.
- Automatically adjusts gain for best clarity.
- Save and recall lock parameters (forbidden zone, contact points, etc).
- Ability to set ranges and increment values.
- Pause and resume dialing.
- Easy to set up in less than a minute.
- Variable motor speed.
- Combination preview list generation.
- Historical data logging for review (may be cleared).
- High strength magnetic base plate.
- Installation and removal assist levers.

Technical Specifications:

- Combi+ Power Requirements: 100-240 VAC 50/60Hz
- Supported Locks: Standard 3- and 4-wheel Group 2 Mechanical Safe Locks
- Supported Dial Diameter: 1 1/4 in to 3 1/8 in
- Supported Dial Height: 1 in to 1 3/4 in
- Maximum Dial Ring Size: 3 7/8 in
- Opening Time: Less than 60 minutes average time for 3-wheel locks
- Tablet Range: Tablet must stay within 20-30 feet of the Combi+ to maintain connection

Combi+ includes the following:

- | | |
|---|--------------------------|
| • Carrying Case | • Universal Chuck |
| • Combi+ | • Hex Key |
| • Accelerometer | • 110/220V Power Supply |
| • Android-based Tablet (with pre-installed App) | • Flexible Coupler |
| | • Magnetic Charging Base |
| | • Charging Cable |