

Major strengths

- Easy to use.
- Cheap option compare to the plasma cleaner.
- Highly tunable parameters.

A device adapted for Soft-lithography applications

- Create quickly strong link between PDMS with glass and PDMS.
- Quick change of surface hydrophobicity.

Safety & protection

Must be use only by trained people and carefully follow the good practices.

Warranty

Warranty 1 year.



BlackHole·Lab

They trust us



▶ SoftLithoBox®

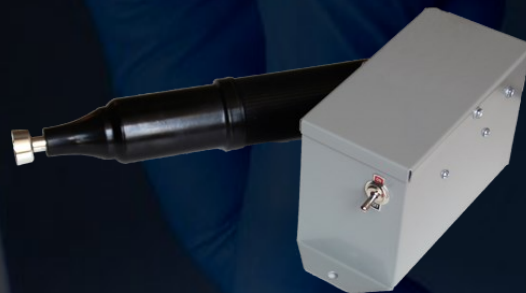
Corona SB

▶ FEATURES

Corona SB

The Corona SB equipment enables a quick and easy treatment surface, and namely it can be used to bond PDMS with glass or PDMS. Indeed the Corona SB tool will change the surface properties in much the same way as a traditional plasma cleaner treatment.

The Corona SB produces a high voltage and high frequencies sparks at the tip of an electrode to ionize the air.



▶ SPECIFICATIONS

Corona SB specifications

Weight	3.2kg (7 lbs)
Power supply	110V or 230V ; 50/60 Hz
Dimension power supply (HxWxD)	105x197x80 (in mm)
Dimension generator (LxDiam)	280x64 (in mm)
Length of the cord	1.8 (m)
Output Voltage	From 10 000 to 48 000 volts
Frequency	From 5 to 5MHz
Electrode	Round (2.54cm) Field effect (7.62cm) Point effect

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