

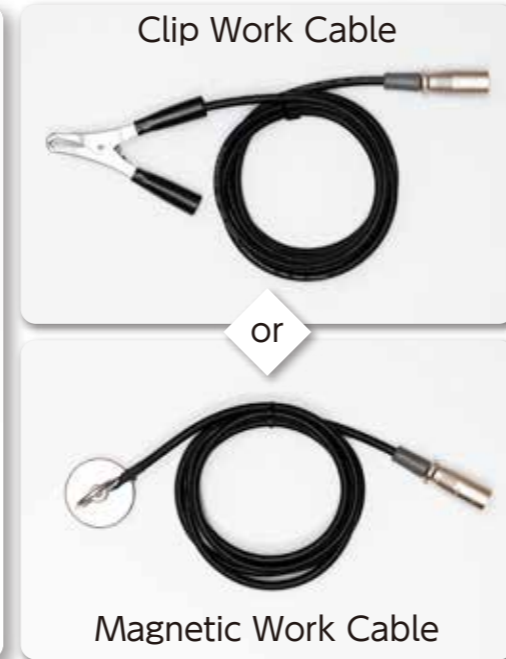
SANWA

Discharge Deposition Machine

DEPOSITRON A-1

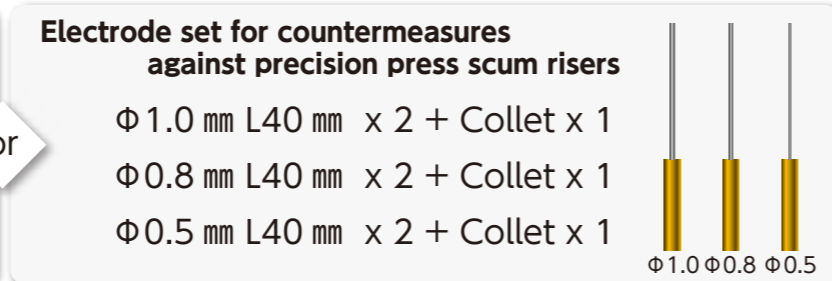
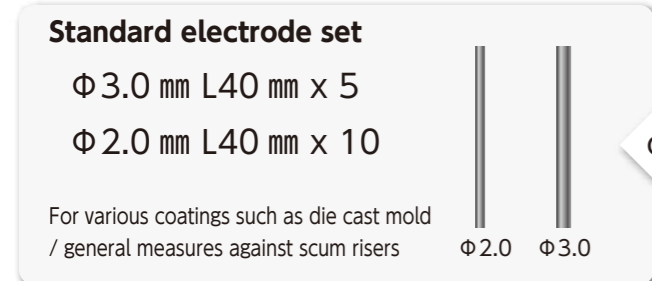


Configuration



※One of the two types of the work cable will be included.

Tungsten Carbide Electrodes



※One of the two electrode sets will be included.

Specifications

Dimensions	W 220mm D 230mm H 198mm
Weight	Main Unit 5.7kg Vibrator 0.3kg
Power input	Single phase AC 100-240V 50/60Hz
Power capacity	300W
Load voltage	Max 60V
Discharge Intensity	24stage Max200Hz
Vibration Intensity	8stage 300-400Hz
Coating height	Max 50um
Coating roughness	Max Ra 10um
Coating hardness	HV1100 (when our tungsten carbide electrode is used)
Processing speed	15~20 seconds (per 100mm ²)
Coating area	Approx. 280 mm square (when consuming 10 mm of Φ3.0 electrode)

Dimensions



●The design and specifications are subject to change without prior notice for product improvement.

Manufacturer And Seller

SANWA SHOKO CO.,LTD.

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Agent

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■Please feel free to ask.

Sales division: +81-3-3376-3464

SANWA

Discharge Deposition Machine

DEPOSITRON A-1



All in ONE

Prevents Scum Risers, Wear-Preventive Coating,
Prevents Heat Cracking,
and Improvement of Holding power!

SANWA SHOKO CO.,LTD.

Prevents Scum Risers

Prevents Scum Risers For Press Dies

For extension of die service life

Improving the heat resistance / wear resistance of die-casting dies.

Discharge Deposition Machine

DEPOSITRON A-1



For cutting tools / machine parts

Improving the holding forces of parts and jigs

For coating of plastic molds

Hardening gate areas with heavy loads

For slip prevention of bending dies

Preventing rotation during pipe processing

For adjustment of the elongation of forging dies

Preventing the underfills of complex shapes

Also, for prevention of precision press scum risers
A minimum $\phi 0.3$ mm electrode can be used.

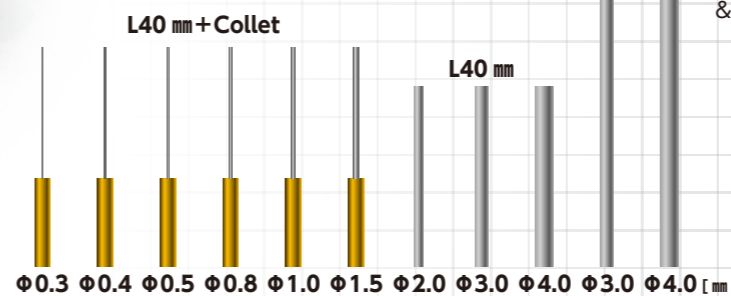
DEPOSITRON A-1 employs tungsten carbide electrodes to produce a great effect in preventing scum risers just by depositing several points in the female die of press dies. This greatly extends the service life of punching dies, bending dies, and deep-drawing dies and is also effective in the prevention of crack in die-cast molds owing to overheat, improvement of die releasing, and prevention of wear in gates.

The product can be used for prevention of wear of plastic, forging, and glass types. The deposition thickness after discharge is 5 to 50 μ m, and the surface hardness is improved to HV1100. The product can be used for a wide range of materials, such as SK, SKD, SKH and cemented carbide. An electrode bar with a diameter of 0.3 to 4.0 mm can be mounted.



Long electrodes are now available! Ideal for work in deep places!

Both small holes and wide areas can be coated easily!



※For $\phi 1.5$ mm or less, the collets sold separately are required.
※Sales units are 10 for the electrodes and 1 for the collet.

Easy to grip and use vibrator Suppressing the vibration & increasing the coating speed!

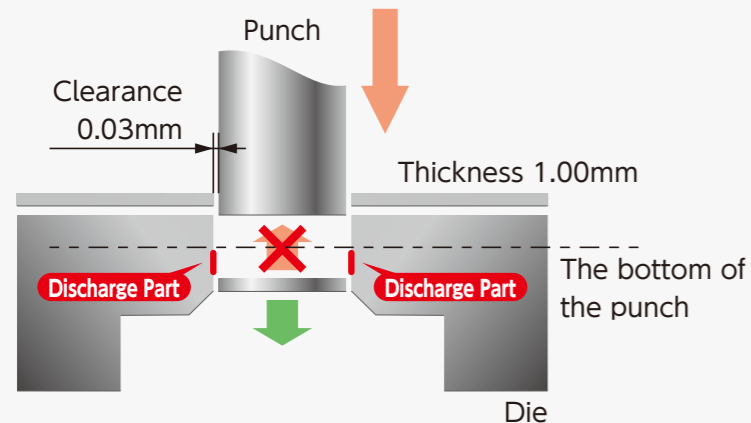
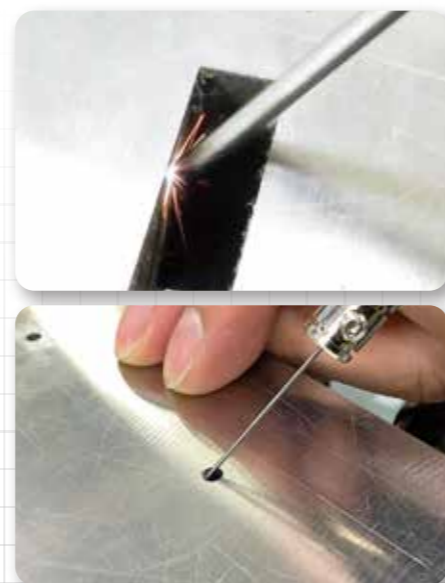
Hard to get tired even for long hours of working & increasing the work efficiency for small parts!

For Press Dies

Prevents Scum Risers

The vibration of the tip during use has been reduced, greatly reducing the impact on the cutting edge! The amount of coating can now be more precisely controlled when using electrodes of $\phi 1.0$ or thinner! The maximum coating height has been expanded from 30 μ m to 50 μ m! The range of available clearances has been expanded!

It supports from stable coating of small holes to holes with large clearance!



For Die-cast Mold

Prevents Heat Cracking & Wear

Suppressing electrode consumption and greatly increasing the coating speed!! Easier and more extensive coating! Coating thickness of up to 50 μ m improves the life of the coated part! The electrode's heat generation is suppressed and its vibration is minimized, allowing it to be used for a longer period of time!

Can be used continuous for 2 hours or more!
With electrode of $\phi 3.0$ mm or more & operating environment temperature of 45°C or less

Coating of a 20mmx30mm area is completed in 90-120 seconds!
(Time taken to achieve Ra 10 μ m)

