

ISOJET ZINC-SYSTEM 2

Galvanizing Accessory Kit with Battery Charger

The zinc plating acts as very good protection against corrosion, as the plate is also protected against surface damage due to the zinc-ions which provide a good catalytic protective covering. The advantages of our ISOJET Zinc-System *Version 2* can be summarized as follows:



- **Galvanized zinc plating = Reliable corrosion protection**
- **Very high corrosion protection, due to pure zinc electrolyte using direct current**
- **Flexible, can be used everywhere and also on building sites with 230 V**
- **Includes a battery charger (using 12 v batteries) for charging the batteries and starting the process**
- **Easy and uncomplicated application!**
- **Efficient and reliable zinc plating!**

ISOJET Zinc-System 2 in a handy kit with all the necessary accessories!



ISOJET ZINC-System 2

Consists of:

- | | |
|---------|---|
| 1 Pc. | Zinc-System-Basic (Pen, cable 2,5m and standard head) |
| 1 Pc. | Battery charger Nevabost 140, / 12 V |
| 2 Pcs. | Zinc head (standard) |
| 1 Lt. | ISOL GZ |
| 1 Pc. | PP-tin (white) |
| 1 Pair | Latex gloves |
| 1 Pc. | Protection glasses |
| 1 Tin | Glanz-Zink-Spray |
| 10 Pcs. | Replacement scotch |
| 1 Pc. | Suitcase with equipment |
| 1 Pc. | Operating instructions |

Your famous welding partner!

Art. Nr. ZG20000 complete

Fr. 680.-- Excl. VAT.

ISO Schweisstechnik
Weldingsystems

ISO-ELEKTRODENFABRIK AG 5737 MENZIKEN AG
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ISOJET Zinc-System 2 how does it operate?



Catalytic rust protection

The principle: The standard zinc head (*electrode*) consists of 99.99% zinc. This gets transferred using direct current via the anode (elektrode) onto the work piece (*during the earthing process called cathode*) using ISOL GZ (*Electrolyt*). A scotch (pad) is used to avoid a fuse and ensure the flowing transfer of the zinc particles.

Application: Attach the electrolyt pen onto the battery charger. Attach the earth to the work piece. Mount the Scotch (Pad) onto the electrolyt head. Pour the electrolyt (ISOL ZN) into the enclosed white can. Dip the head into the electrolyt and coat the plate with the solution. The zinc particles immediately dissolve in the electrolyt and are carried over onto the work piece via ion transfer. Wipe with wet cloth. Finished.



Zinc plating under a microscope



Galvanizing of chassy, efficient, reliable and with any problems.



Special attention should be given to:

- Avoid any solution getting into the eyes.
- The more often one goes over the same place, the higher the concentration of zinc-plating.
- ISOL GZ is a version of the electroloid. Other products are being researched.
- All metals must be clean, free of fat, oil and any other impurities.
- The zinc head is a consumable and wears out in proportions to its use.
- One must remove and rince the scotch pad after zinc plating as otherwise there continues to be ion activity even after the equipment as been switched off and this reduces the life of the head.
- During the zinc plating there should be good ventilation. Do not use in small room without ventilation!
- May not be used by unauthorised persons and must under no circumstance be in the hands of children.
- ISOL GZ belongs to the 3. toxic gas classification.

We are confident that you can solve many problems using the ISOJET Zinc-System 2.

We reserve all rights to technical changes.

Technical Details „Battery-charger“:

230 V, portable, battery charger for the charging of the lead accumulators using 12 V tension. Is protected against overcharging and re-poling. Dial for *normal*-, *fast* (BOOST) charging and *Start* help. Comes with an amper meter . Incl. connection unit for the ISOJET Zinc-System 2.

Primary voltage:	230 V / 230W
Load voltage:	12 V
Ah 15h /min/max)	10/200
Weight:	5,3 kg
Charging current:	20 A
BOOST:	50A - 100 A cc.
Order. No.	807508



Such repairs can be zinc galvanized efficiently and reliably.



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