

Electrochemical marking

Electrochemical marking (etching) is the suitable choice for marking especially of constant data - graphical or alphanumeric strings on the metal surfaces. The basic condition for this kind of marking is conductivity of the marked material. Thanks to its portability, the etching device is suitable also for big parts or for marking on parts of various shapes. The device can be easily integrated into the production line or singlepurpose machine by using the handle. The great advantage of this kind of marking is minimal influence in the structure of marked material.

Set of electrochemical device consists from:

- ⇒ 1 pc of marking etching head - large range of marking
- ⇒ 1 pc of controlling unit which contains: control buttons including 3 positions switch for marking of dark and light surfaces, deep and universal marking
- ⇒ 1 pc 250 ml of universal electrolyte
- ⇒ 1 pc 250 ml of neutraliser
- ⇒ 20 pcs of special marking foil
- ⇒ 1 pc of following spare items: underfelt, stainless steel grid with screws, antipole ground plate, solid plastic box for the set, manual for use

There are three versions of etching systems:

EC100

Most simple use, only basic features (see above)

EC 200

Most favourite system, it has basic features (see above)
+ contains the regulator of power (12-24V)

EC300

Includes basic features (see above)
+ timer (2 - 20s) which is very useful for repeated marking the same products / parts. After the certain time, the unit takes off automatically.



EC 100 etching system



EC 200 etching system



etching system with toolpost