

# Integration made easy!

NEW: Compact dot peen marker with integrated control unit



Compact design  
and low weight

Big marking area of 65 x 30 mm  
at small dimensions

Electromagnetic driven  
marking pin

## INNOVATION

### Dot peen marker MV5 U65/30 *INTEGRAL*

Very good price-performance ratio

Communication with SPS optional via function block

Fast function check via 6 status LEDs on the marking head

Perfect for the integration in test facilities

Compact housing & low weight

# Dot peen marker MV5 U65/30 *INTEGRAL*

## Compact housing & low weight

The innovative and compact dot peen marking head MV5 U65/30 INTEGRAL is equipped with an internal control unit. With this, no space for an external control unit needs to be provided in the control cabinet.

The previously required wiring works between marking head and control unit and the installation in the control cabinet is not required anymore.

Due to the use of latest manufacturing technologies and materials, the marking head has a low weight and can be mounted on a robot arm without any problems. The compact design enables an easy integration in production lines (e.g. test facilities) – even where the space is limited.

Despite the low device dimensions, the integration unit has a big marking area of 65 x 30 mm.

## Electromagnetic driven marking pin

The drive of the marking pin is electromagnetic. The supply of compressed air is not needed and with this operating costs can be reduced.

The marking force of the magnet which was developed especially for marking tasks can be adjusted individually (force 0 to 30). With this, a precise marking on nearly any materials is possible – from plastics up to hardened steel (63 HRC).

## Strong and long-lasting mechanics

High quality, double-guided linear guides in X- and Y-direction guarantee a high repeatability and an exceedingly precise and warp free marking result.

The marking head is equipped with a low-wear marking tool. It can be mounted in any position and works extremely reliable.

The electronics and mechanics can optionally be protected using a protection cover out of synthetic leather.

## Communication & Operation

For the communication with the SPS, an optional available function block developed from MARKATOR® can be used. This function block enables a fast and smooth installation in a SPS driven production line. The data transfer can be guaranteed using the program option HOST (Ethernet).

The programming can be carried out via the proven MARKATOR® PC-Software. Using an external computer the access to the control unit can be carried out via the existing Ethernet-interface of a company network or self-sufficient via the USB-B interface. All plug connectors are covered as a protection against dust and dirt.

Via an digital input and output an external sensor-actuator-box can be connected amongst others via an 1:1 cable (M12).

Several hundreds of marking files can be saved and administered on the internal memory.

Also for this dot peen marking head, the marking of logos is optional available.

## TECHNICAL DATA

### Marking area (x/y)

65 x 30 mm

### Available character heights

1.0 to 29.9 mm, adjustable in 1/10-steps

### Fonts

Single dot characters (size 5 x 7 and 9 x 13), Continuous line similar to DIN1451

### Drive of marking pin

Elektromagnetisch

### Available characters

Capital letters and small letters A to Z, Figures 0 to 9, Various punctuations

### Available interfaces

USB-A, USB-B, Ethernet (Push-Pull-Plug)

### Weight

approx. 3.0 kg