

## Low Noise 74dB(A) Hand Held VIN Scribe Marking Unit Type 317

### Technical Application sheet

- Powerful, compact and robust scribe marking unit for VIN marking in low volume, pilot or SKD / CKD production environment
- Ideally suited as a back-up or repair facility in high-volume production environment
- Scribe marking according to international standards of auto motive industry in terms of marking depth and font-norm
- Highly ergonomic low noise emission, typically 74 dB(A), due to the implemented stylus "soft touch" function
- Marking field 120 x 25 mm (X/Y) for second line marking and built in X-out functionality
- High-strength, low-wear scribe stylus made of synthetic diamond with an extremely long tool life
- Robust design, ease of integration and adaptation to the model-specific marking positions by quick-change chucks in a standardized uptake
- Possibility of individual coding of the chucks
- Drive with powerful, highly dynamic stepper motors
- Marking controller: EK-Box with integrated text display and foil keyboard, Protection IP 53  
 Interfaces for external keyboard, Barcode reader, Ethernet, field bus communication on board available
- Operation as a stand-alone unit or by PC / Notebook software in multiple languages
- Password protection for operating and setup functions
- Optional double number check and VIN control by Modulo 11 calculation
- Configurable format check of the VIN number for each vehicle type
- Double reading of data with data comparison function to minimize decoding errors
- Switchable soft encoder to safeguard the scribe marking quality





## Scope of Application

With its unique ergonomic features and ease of use, the device is ideal for mobile use. The scribe marking system type 317 is available with different handles for flexible adaptation and handling. Being a lightweight of 5.5 kg (without controller, pneumatic and chuck), the unit sets new standards. It offers a large marking area of 120 mm x 25 mm at its small dimensions. Via quick interchangeable, optional fixtures it is possible to adopt to virtually any vehicle geometries. The compact controller provides extensive opportunities for data input via PC, barcode scanner, PLC or the integrated keypad. By this keypad the easy creation and selection of the model-dependent imprinting orders is provided.



## Options

- Vehicle-related fixtures with manual, pneumatic or magnetic clamp functionality

## Technical Data

Property	Dimension, Unit, Explanation
Dimensions Marking Unit (W x D x H)	
Without handle	268 x 168 x 220 mm
With handle	430 x 178 x 220 mm
Marking Area (X/Y)	120 x 25 mm
Weight (without controller, pneumatic and chuck)	
Without handle	approx. 5,5kg
With handle	approx. 6kg
Scribe marking speed	approx. 1 char./S at 7mm char. height
Character heights	from 1mm
Documentation	German, English Other languages on request
Marking depth, pending on tool and material hardness	approx. 0,15 – 0,25 mm
Fonts	DIN 1451, OCR, customized fonts
Writing direction	Straight, angle, radius
Special characters, logos	As required
<b>Media Supply</b>	
Electrical power supply with cable	230 V AC ± 10 %, 50/60 Hz or 115 V AC ± 10 %, 50/60 Hz selectable
Pneumatic input pressure technically conditioned compressed air	Min. 5 bar (min. 75 psi) dry, clean, 50 µm filtered



Technical details are subject to change without further notice.