MULTI*4* V3 Combo Model

DAPRA® MARKING SYSTEMS
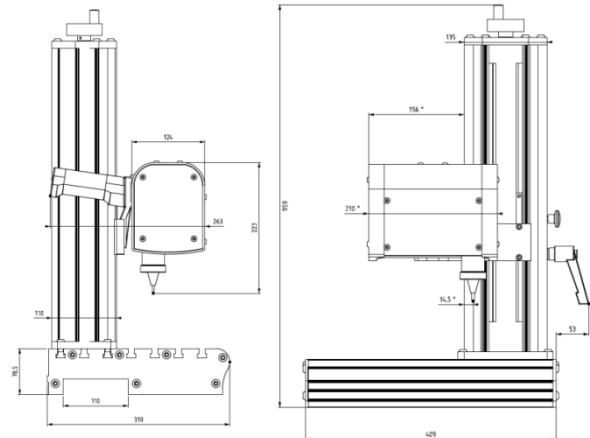
The Multi *4* Combo flexibility, changing from bench to hand held type in 10 seconds without any tools, allows a quick and simple adaptation to any size and type of parts.

Technical Specifications

Dimensions kit établi : (L x W x H) 412 x 310 x 656 mm	**Bench kit weight :** 18 kg

Capacity :
- Tungsten carbide stylus with 90°sharpening angle (available with 60° and 120°angle)
- "Quick shift function": unclutching column allowing quick movement then fine positioning of the marking head height with reference to the part
- Adjustable character height, depending on the marking zone size in 0.1mm steps (See table below)
- Font matrix: 5x7 ; 9x13 ,continuous and custom (5 levels of dots concentration per character)
- Alphanumeric marking (text, symbol, serial number, variable), 2D code, logo *
- Timestamp and shift code management
- Linear, angular and circular marking
- Configurable pause and parking points
- RS232 and USB ports (host and device), 3 inputs/4 outputs
- Energy saving : 2 configurable sleep mode
- Quick update, marking files transfer and "production follow up "files (Txt. format) export via USB port
- Maintenance and autodiagnosis (5 control points) menu
- Adjustable impact force with 6 levels and speed with 5 levels
- ''Easy shift'' function : preview of movements
- *IDI Premium* : Control and intelligent driving impact

Mutli 4 control box *multilanguage***:**
- (L x W x H) 370 x 215 x 139 mm
- Weight from 3.7 to 4.9 Kg with battery
- HD colour graphic screen (640 x 480 px)
- 40 Mb Memory up to 20 000 files
- Ergonomics: standing foot and transport handle

*Optional logo marking, available with TechnoLOG software

Environment and power :
- Operating temperature : 0° to 45 ° (from 32°F to 115°F)
- Electrical power : 90 to 240v
- Power/ Frequency : 250 W / 50 to 60 Hz

Standards :
- Machinery directive: 2006/42/CE
- Electro-magnetic compatibility : 2004/108/CE
- Low power directive : 2006/95/CE
- FCC directive– chapter 15

Options :
- Software :
  - TechnoLOG (Logo design)
  - TechnoPROD (Production follow up)
  - TechnoSAVE (Transfer and save files)
  - TechnoWINDOWS (Driving via a windows PC)
  - TechnoMATRIX (Datamatrix code edition)
- Maintenance kit
- 5 / 10 m cable
- RJ 45 (Ethernet)
- 8 inputs/8 outputs kit
- Electrical column / extended (+100mm)
- Large base (on request)
- Rotary D axis high or simple capability
- Automatic plate feeder
- Plate support
- Part support
- Protection bellow for mechanical parts
- External cycle start command (pedal/button box)
- Second handling handle (available 07/2012)
- 24 V Battery kit (autonomous operations)
- Transport trolley

→ **Production capacity up to 5,000 parts on 3 shifts, depending on validation of the application by our technical service**

Delivered with :
- 3m cable
- Control box power cable
- Quickshift bench kit with screw type « Z » axis
- Combo fixation plate
- Unclutching screw
- Adustable foot
- Handle equipped with cycle
- start trigger and excentric nut

All dimensions in mm
Drawing is MULTI *4* V3 120 standard
* Dimensions vary, depending on configuration
(See table here under)

Configuration	Marking Zone (mm)	Dimensions (mm)	Weight (kg)	Character Height (mm)	ITEM CODE
Compact	50 x 60	145 x 266 x 226	4.8	From 0.6 to 59.9	NA30120-P
Standard	120 x 60	215 x 266 x 226	5.3	From 0.6 to 89.9	NA30130-P

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MULTI*4*®
DOT PEEN & SCRIBING