IMPACT BROACHES

- The broach is made of special material and special process, with high hardness, good wear resistance and long service life
- The processed V-notch and U-notch (2mm) can meet the relevant national standards of GB/T229-2007
- The processing consistency is excellent, which can ensure that the sample is qualified



ITM-UV2

VIDEO

SPECIFICATION

Code	Type of blade	Depth of notch	Radius of bottom	Material	Hardness of material to be cutted
ITM-UV1*	V-shaped	2mm	0.25mm	$W_{18}Cr_4V$	below 42HRC
ITM-UV2*	U-shaped	2mm	1mm	$W_{18}Cr_4V$	below 42HRC
ITM-UV3**	U-shaped	3mm	1mm	–	–
ITM-UV4**	U-shaped	5mm	1mm	–	–

*Hardness of **ITM-UV1** and **ITM-UV2** blade can be customized for special requirements
ITM-UV3 and **ITM-UV4** need to be customized

4

GAUGE MARKING INSTRUMENTS (MARKING POINT)

VIDEO



STM-G1



STM-G4

- According to ISO6892-1
- Suitable for marking tensile specimen of metal bar
- The percentage elongation after franture of a material can be accurately measured by uniformly distributed markers on the specimen to assess the mechanical property of the material

SPECIFICATION

Code	STM-G1	STM-G2	STM-G3	STM-G4
Marking method	manual	electric		pneumatic
Spacing of markers	10mm	5/10mm	10mm	5/10mm
Number of markers	30 points	1 point	40 points	1 point
Max. gauge	300mm	300mm	400mm	500mm
Accuracy	±0.1mm	±0.05mm	±0.05mm	±0.05mm
Specificity	multipoint quick and easy	high-accuracy highly efficient easy operation	high-accuracy highly efficient easy operation	high-accuracy highly efficient marking force can be adjusted
Power supply	–	AC 220V, 50Hz		
Dimension (L×W×H)	490×200×300mm	460×315×450mm	710×315×450mm	810×350×520mm
Weight	22kg	25kg	30kg	60kg

STANDARD DELIVERY

Main unit	1 pc

OPTIONAL ACCESSORY

Air pump*	STM-G-1

*For **STM-G4**

GAUGE MARKING INSTRUMENTS (MARKING LINE)



STM-H2

- According to ISO 6892-1
- Suitable for marking tensile specimen of metal sheet
- The percentage elongation after franture of a material can be accurately measured by uniformly distributed markers on the specimen to assess the mechanical property of the material

SPECIFICATION

Code	STM-H1	STM-H2	STM-H3
Marking method	electric	laser	
Spacing of markers	5/10mm	settable	
Number of markers	1 point	settable	
Max. gauge	300mm	300mm	400mm
Accuracy	±0.05mm	±0.02mm	
Specificity	high-accuracy highly efficient easy operation	marking speed: ≤3000mm/s marking depth: ≤0.3mm minimum line width: 0.004mm scope of marking: 100×100mm connector for communication: USB2.0	
Power supply	AC 220V, 50Hz		
Dimension (L×W×H)	560×400×450mm	1100×740×1460mm	
Weight	40kg	230kg	

STANDARD DELIVERY

Main unit	1 pc