



Over **60** years of  
consistent excellence

# Gauge Length Marking Machine

Model : Mark-1000



Touch Screen Operation



Precision Punch Marking



User Friendly Software





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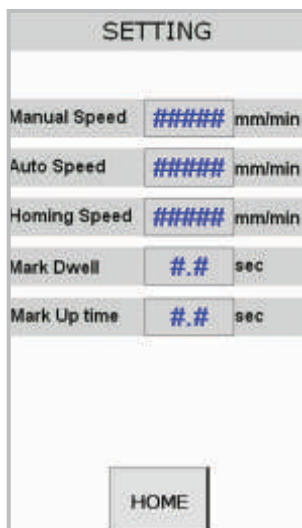
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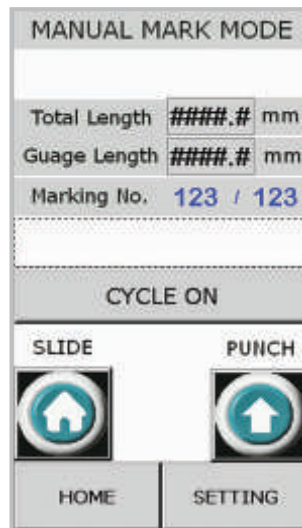
Home Screen



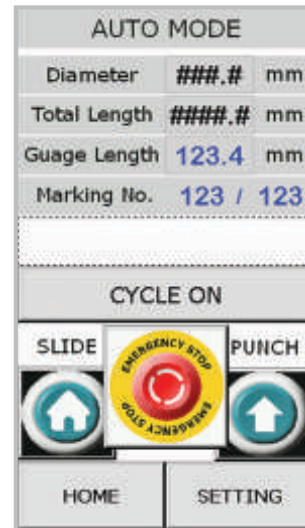
Setting



Manual Mode



Auto Mode



### Features :

- Easy operation with touch control
- Easy data input with Touch Screen
- High speed table travel
- Precision Punch Marking
- V Block for Round Specimen
- Easy and Fast Replaceable Punch
- Easily clamp and de-clamp specimen
- User friendly software.
- Touch screen operation.
- Facility to measure in Manual and Automatic mode.

### Specifications :

|                            |                  |
|----------------------------|------------------|
| Specimen Diameter          | Ø6 to Ø40 mm     |
| Specimen Length            | 200 to 1000 mm   |
| Indenter Force             | 120 kg           |
| Min. Speed of Slide        | 1 mm / min       |
| Max. Speed of Slide        | 4000 mm/ min.    |
| Power Input                | 230 VAC, 1 Ph.   |
| Slide Movement             | 0.1 mm           |
| Machine Dimensions (LxWxH) | 1430x577x1346 mm |
| Machine Weight             | 185 kg.          |

### Introduction :

FIE Make **Mark-1000** machine is developed for flexibility and efficient processing of punch marking on metal samples.

This is new technologies introduced to eliminate manual (traditional) punch marking work. Mark-1000 is a first automatic punch making system in a compact design.

Main areas of application are for Universal Testing Machine, where test samples are marked as per standard gauge length.

This machine is typically equipped with a horizontal motorized slide (V guide) and linear punching tools (Indenter). The indenter makes an punch mark on a piece of metal specimen.

### Construction :

Mark-1000 machine has a C type load frame (called as Main Body) mounted on box type structural frame (called as Base).

A horizontal motorized platform with V-Guide Block mounted in this C type load frame.

The main Body has motorized spindle mounted at the top of the main body.

There is mounting provision for replaceable punch on spindle. Using touch control, user manages data input and all machine movement controls as per test requirements.

### Standard Accessories :

- User Guide
- Punch ( Marking Tool)
- Spanner Set

Due to constant Research & Development, Specifications and Features are subject to change without notice.

Manufactured By :



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