S 2000   Label / Serializer Etch Mark System
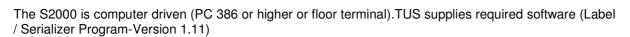
Industrial Electrochemical Etch mark system for frequently changing marks / inscriptions.

S-2000 Marking System: $ 5.250

including:

One TUS - Label/Serializer Program, version 1.11.
One Power/Control Unit Mark I with autocycle / footswitch
One adjustable **bottom marking station"** with internal electrolyte feed
One internal TUS 2000 industrial dot matrix mechanism, 3/32" characters
One automatic take up mechnism for used stencil foil
All components are mounted on one common base plate

(The required PC to be supplied by customer.)

The S2000 is computer driven (PC 386 or higher or floor terminal).TUS supplies required software (Label / Serializer Program-Version 1.11)

Typical Inscriptions: approx. 3/32" (2.5mm) and 3/16" (5mm) character size; regular, condensed or double width; max. 4 lines, max. 40 columns, max. 3" wide.
Where required a 4 digit serial number string / sequence can be inserted anywhere in the labels, as well as the Julian or normal date.

A part is marked by placing it on or rolling it across the stencil ribbon with a dot matrix inscription, lined up on an adjustable marking station which is internally fed with electrolyte. The part is etch marked where it makes contact with the marking station below through the dot matrix openings in the stencil ribbon. Typical marking cycles are 1-2 seconds.

Each marking cycle is triggered automatically on contact of the marking station with the part or by footswitch.

The operator enters the inscription on screen, pulls it from PC memory, or reads it in from bar code. Where required a serial number string and sequence can be included anywhere in the inscription. Pressing a key activates the system to produce a dot matrix inscription in a stencil ribbon, and to move it automatically onto the marking station.

A roll of stencil ribbon is contained in the S2000 housing, which also holds the dot matrix multipin mechanism which inscribes the stencil. Each inscription is then automatically advanced into proper marking position on top of the marking station. After the part or parts have been marked, a new inscription can be advanced into marking position, while the used stencil ribbon is automatically collected on an internal take up reel.

Label / Serializer Software (Version 1.11) (PC 386 or higher/ MS DOS)

Inscriptions:
- 40 columns, selection of 1-4 lines, max. 3" wide
- a 1-4 digit serial number string and the current Julian or normal date can be inserted anywhere in the label automatically
- select sequence start
- select sequence increment
- select sequence end
- padding of serial number string with "0"s or empty spaces

Label Format Files:
- loading from and saving to disk of inscription formats for quick set up and future use
- select file from memory
- assign format file to newly created inscription and store it

Cutting of Stencil / Printing:
- one inscription at a time or range of inscriptions uninterrupted from first to last

Other Supplies pricing see sheet "supplies"
Stencil Foil in rolls of different length
Marking Felt
Electrolytes for different alloys/ metals
Neutralite

Delivery: Equipment approximately 1-2 weeks, high performance stencils 1-2 days, supplies ex stock
Prices are in US Dollars, FOB Dartmouth, Massachusetts, USA, subject to change without notice.
Terms: 50% downpayment due upon order, 50% due upon delivery.