Height Presetter

Fast Accurate Measurement of Vertical Height Magnetic Base for Horizontal Operation.
Reference point of work can be measured very quickly and accurately without damage to tool teeth.

Size	Description	Code No.	Price $
4"	Height Presetter	337950	797.01

Height Presetter — Optical Type

- Height 50mm
- With magnetic base
- The red lamp will light up when touched
- Accuracy 0.005 mm
- Combined vertical and horizontal in a unit
- Weight: 0.3 kg

Model No.	Code No.	Price $
HP-50ZM (Magnetic Base)	337970	534.14
HP-50Z (Standard Base)	337971	389.09

Electronic Tool Length Setter

- High accuracy
- Easy operation
- Be sure to remove all chips and oil from the sensor plate and the base of the HP-50E as well as from the workpiece and tool
- To move the tool approaching the sensor plate slowly
- When touching, the "LED" turns on immediately and "H" is just 50.00 mm (or 2")
- LED will not function if batteries are not set in correctly
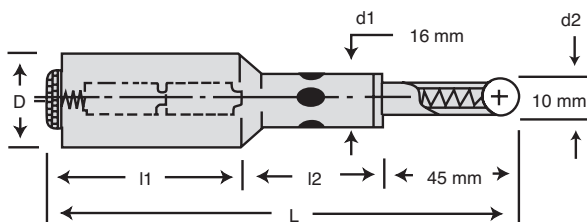- Designed to be used on ferrous and non-ferrous materials

Model No.	H	Base Dia.	Sensor Plate Dia.	Code No.	Price $
With Magnetic Base					
HP-50EM	50 mm	40mm	12.7mm	337976	580.83
HP-100 EM	100 mm	40mm	12.7mm	337978	903.51

Touch Point Sensor

Model No. VPS-20
- Red pilot can be seen clearly
- High sensitivity location sensor
- Location of end surface, outside circle dia., inside circle dia. of the workpiece for processing can be detected with full effect
- Whole travel of red pilot is illuminating, detecting also can be done during turning while spindle stops
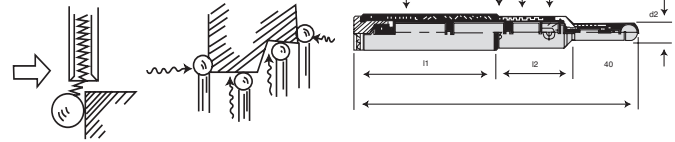

D	d1	d2	L	l1	l2	Type	Code No.	Price $
20	18	10	160	79	41	UM-5#(SP)	337955	136.30

Touch Point Sensor (With Beeper)

Model No. VPS-20B / VPS-3/4B
- Unit will sound at the same time when the red lamp lights up
- Accuracy: within 0.005 mm

D	d1	d2	L	l1	l2	Type	Code No.	Price $
20	16	10	157	77	35	UM-5#	337960	181.51
3/4	0.629	0.394	6.18	3.03	1.378	UM-5#	337962	199.62

Machinists' Mate

Self-Contained Visual Aid - 1/2" Shank
For Machine Set-Up
- Checks machine, tool and workpiece set-up
- Acts as edge finder on vertical milling machines
- Trams table quickly
- Parallels vise
- Checks "spindle run out" – simply, quickly, accurately
- Emits light to indicate precise contact of part at ±0.0001"

Shank Dia.	Code No.	Price $
1/2	145600	36.85

NC/CNC Trolley

Complete Tool Trolley with 4 Tool Trays and Inserts.
- Trays bolt in
- (w)1002mm x (D)650mm x (H)830mm
- Weight: 51kgs

Desc.	Taper Type	Inserts Per Tray	Replacement Plastic Inserts Code No.	Price $	Tool Cart Code No.	Price $
Trolley, 4 trays hold 28 inserts	40	7	326986	5.51	326985	882.06
Trolley, 4 trays hold 20 inserts	50	5	326996	5.29	326995	882.06

Standard Draw Bar — SDB-2J

- 7/16-20 thread
- 4140 heat treated Alloy Steel

Machine Type	Bar Length (in.)	Hex Length (in.)	Code No.	Price $
2J Head Bridgeport Variable Speed	18	5.5	151700	90.33