



Magnetic Bases and Fitments

Magnetic Bases

- All units are suitable for use with dial indicators and test dial indicators
- 900 and 901 versions both have push button 'ON/OFF' control
- 905 model has a toggle lever for 'ON/OFF' function
- The base incorporates a vee slot for location on curved surfaces (with the exception of 909)
- 909 Non-switchable (M6 coarse thread)

Magnetic Base Fitments

- All fitments accept stem or back lug mounting
- All fitments have M8 x 1.25mm screw thread for fixing
- Compatible with any of the Eclipse range of magnetic bases



E909-MW



E905-WFMW + RP991BLMW

E901-WFMW + RP995BLMW

E905-WFMW + RP999MW

MAGNETIC BASES

Code No	Force	Length (mm)	Width (mm)	Height (mm)	No. of Magnetic Faces	Note	Weight
E900-WFMW	30kg	48	40	50	4	Vee for Curved Surfaces	0.5kg
E901-WFMW	80kg	64	64	76	4	Vee for Curved Surfaces	1.7kg
E905-WFMW	80kg	65	50	55	2	Vee for Curved Surfaces	1.05kg
E909-MW	14kg	n/a	35	30	1		0.35kg

MAGNETIC BASES FITMENTS

Code No	Type	Description	Clamp Size	Note
RP991BLMW	Fine Adjust	Column dia - 12mm, length - 175mm. Arm dia - 10mm, length - 165mm	10mm Universal	Accepts 1/4" I.D Lug Stem / Spigot Dia: 1/8", 1/4", 5/16" and 3/8"
RP995BLMW	Plain	Column dia - 12mm, length - 175mm. Arm dia - 10mm, length - 165mm	10mm Universal	Accepts 1/4" I.D Lug Stem / Spigot Dia: 1/8", 1/4", 5/16" and 3/8"
RP72CPMW	Plain	Column dia - 12.5mm, length - 185mm. Arm dia - 6.3mm, length - 150mm	6.35 Standard Clamp	Accepts 1/4" I.D Lug Stem/Spigot Dia: 5/16"
RP999MW	3 Point Adjustable	Column dia - 15mm, length - 295mm.	3 Point Special Clamp	Accepts 1/4" I.D Lug and Dovetails Stem / Spigot Dia: 5/16"

Magnetic Stand 475 Series

Features

- Features fine adjustment
- With powerful on / off magnetic base
- Magnetic force 80Kg / 175lbs
- Universal model which can be used for indicators with or without "lug" on back plate
- Accepts dial test indicators, digital indicators and normal indicators
- Extra rigid



MAGNETIC STAND

Code No	Description	Type
MW475-01	ON/OFF Magnetic	Fine Adjustment

Magnetic Hydraulic Stand 485 Series

Features

- Features a unique hydraulic central lock for all arms and swivel positions
- Super solid model
- With fine adjustment
- With powerful on/off magnetic base
- Magnetic force 80Kg / 175 LBS
- Universal model which can be used for indicators with or without "lug" on back plate
- Accepts dial test indicators, digital indicators and normal indicators
- Dovetail groove for clamping a dial test indicator
- Super rigid



MAGNETIC HYDRAULIC STAND

Code No	Description	Type
MW485-01	ON/OFF Magnetic	Hydraulic lock dovetail groove

Magnetic Snake Stand 496 Series

Features

- Corrosion resistant chrome plated flex arm
- Magnetic force 40kg / 85 lbs
- Holds rigidly in almost any position
- V -base for mounting on rounded surfaces



MAGNETIC SNAKE STAND

Code No	Description	Type
MW496-01	Snake Stand	Mechanical Lock

Magnetic Articulating Stand 477 Series

Features

- Versatile magnetic base that can be adjusted in almost unlimited ways
- Fine adjustment
- 30kg clamp force
- V -base for mounting on rounded surfaces



MAGNETIC ARTICULATING STAND

Code No	Description	Type
MW477-01	Articulating arm magnetic base	Fine Adjustment



Comparator Stands

The rigid construction and quality materials used in manufacturing these quality Bowers comparator stands gives the user both a solid component support and a strong fixing for most types of indicator, transducer probe etc.

Features

- Hard chrome column
- Table surface is lapped
- One piece bracket for high rigidity and constant parallelism
- Adapter Hole for dial gauge 8mm H7

13-03306



13-03304



13-03309



13-03308



MW498-05



COMPARATOR STANDS

Code No	Height (mm)	Range (mm)	Overhang (mm)	Weight	Measuring Table Area	Type
13-03304	284	150	76	7kg	98 x 115mm	Plain Column
13-03305	320	160	104	12kg	98 x 180mm	Plain Column
13-03306	320	160	104	12kg	98 x 180mm	Threaded Column
13-03308	320	160	104	12kg	98 x 180mm	Handwheel Column
13-03309	320	180	104	9.5kg	150 x 200mm	Handwheel Column
MW498-05	280	110	70	12kg	98 x 98mm	Threaded Column

Other models available.

Sylvac Comparator Stands

Features

- Highly stable base to DIN 876/00
- 8mm H7 stem mounting
- One piece bracket for high rigidity and constant parallelism

Note: Not supplied with dial gauge.



30-908-1203



30-908-1206



30-908-1204



30-908-1209

TECHNICAL SPECIFICATION

	30-908-1203	30-908-1204	30-908-1206	30-908-1209
Column	Hard Chrome Ø 35mm	Hard Chrome Ø 35mm	Steel Ø 20mm	Chrome Steel Ø 25mm
Clamping dimension	Ø 8mm	Ø 8mm	Ø 8mm	Ø 8mm
Distance column measuring point	67mm	100mm	60mm	78mm
Total height	280mm	360mm	240mm	215mm
Fine adjustment	Yes	Yes	No	No

SYLVAC COMPARATOR STANDS

Code No	Height (mm)	Load Range (mm)	Overhang (mm)	Weight	Type	Size of Base
30-908-1203	280	0-150	67	8kg	Fine adjustment. Granite grade 00	240 x 140 x 50mm
30-908-1204	360	0-210	100	16kg	Fine adjustment. Granite grade 00	300 x 210 x 60mm
30-908-1206	240	0-170	60	2.6kg	Granite grade 00	100 x 150 x 40mm
30-908-1209	215	0-115	78	4.3kg	Cast iron, ceramic table	85 x 85 x 25mm

SYLVAC DIAL GAUGE LIFTING DEVICES

Code No	Description
30-905-2214	Lifting lever (suits all Dial Gauges)
30-905-2215	Upper lifting device to suit S_Dial WORK 12.5 - 25mm indicators
30-905-2216	Lifting device with photo-cable, suits S_Dial WORK 12.5 - 25mm indicators
30-905-4214	Lower lifting lever, suits S233 mini indicator, range 12.5mm
30-905-4215	Upper lifting type, suits S233 mini indicator, range 12.5mm

Sylvac Measuring Stand: PS15

The Sylvac Mini-Measuring Stand is the perfect solution to the rapid and accurate inspection of small parts. This extremely robust device exerts a low measuring force and is activated by one of the two convenient operating levers. The flexible Mini-Measuring Stand can be fitted with most analogue or digital indicators, or transducer probes.



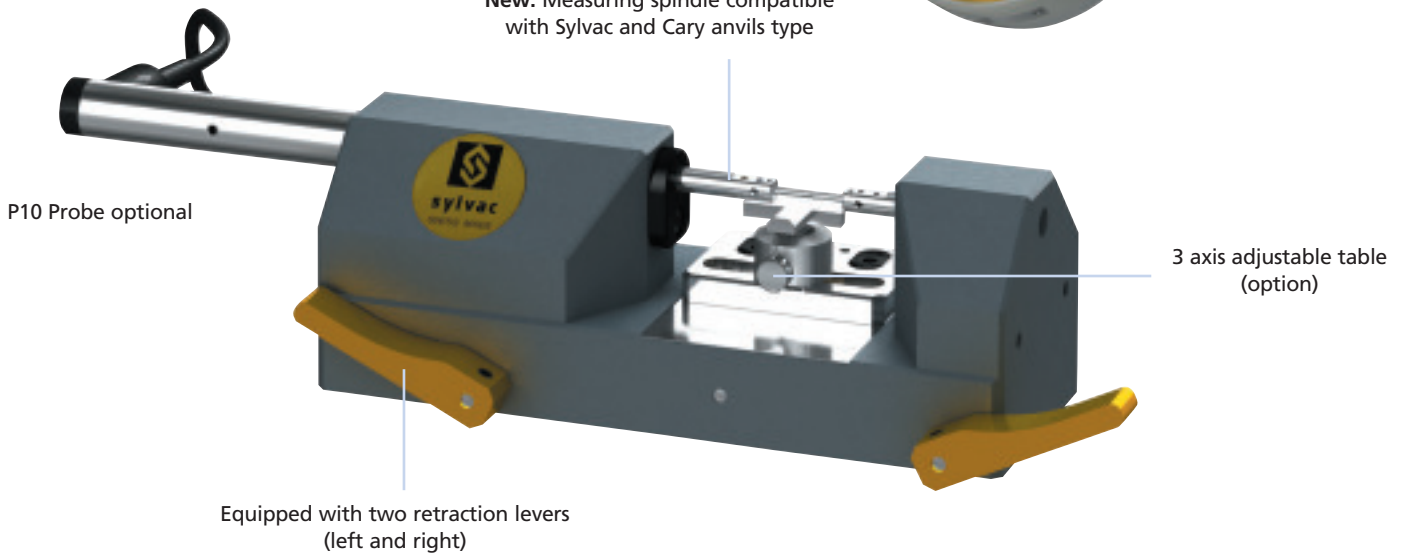
Features

- Small horizontal or vertical bench table designed to easily and quickly check small parts up to 20mm
- Measuring spindle guided by linear ball bearing
- The measured value will be displayed either by a Sylvac digital gauge range 12.5mm, up to 0.0001mm resolution or by a Sylvac measuring probe P10 (P10L) linked to a digital display unit. Using a pair display unit / measuring probe an overall accuracy of 0.6μ and repeatability of 0.2μ can be reached
- This bench table can be equipped with different kind of tables as well as with several types of anvils of any shapes
- Wide choice of special applications can be found on our specific flyer Measuring Benches PS15-16-17



Sylvac indicator optional

New: Measuring spindle compatible with Sylvac and Cary anvils type



P10 Probe optional

3 axis adjustable table (option)

Equipped with two retraction levers (left and right)

TECHNICAL SPECIFICATION

	30-808-1215	30-808-1216	30-908-1218
Description	PS15BH	PS15BV	PS15BV+
Max. capacity (mm)	20	20	20
Measuring Range (mm)	10	10	10
Adjustable measuring force (N)	0.3-1.0	0.3-1.0	0.3-1.0
Measuring direction	Horizontal	Vertical	Vertical
Anvils fixation	Ø 1.5mm	M2.5	Ø 1.5mm
Cary compatibility	Yes	Yes	Yes

SYLVAC MEASURING STAND PS15

Code No	Description	Weight
30-808-1215	Horizontal stand with anvils Ø 1.5mm without support table	1.8kg
30-808-1216	Vertical stand with 5mm / M2.5 flat anvils without support table	1.8kg
30-808-1218	Vertical stand with anvils Ø 1.5mm without support table	1.8kg

Sylvac Horizontal Measuring Bench Table: PS16

The easy to use Sylvac Horizontal Measuring Table is capable of very accurate external and internal (with attachment) measurement. Ideal for repeatable small part batch measurements, the ingenious gauge has adjustable measuring force and can be supplied with a built-in digital display or connected to a multi-function Sylvac readout unit.



Integral Display Features

- Preset capability
- 0.001mm / 0.00005"
- Min / max
- RS-232 output
- Accessories for special applications



Remote Display Features

- Designed with internal Sylvac transducer probe for connection to a D50S, D80S or D300S digital indication units, giving access to further measuring options

Table Features

- Built-in measuring table with a part centraliser (LVS and LVP models only)

MEASURING BENCH TABLE PS16

Code No	Description
30-908-1221	Horizontal Stand, Integral Display 50mm with Ø 6.5mm anvils, without table
30-908-1222	Horizontal Stand, Integral Display 50mm with Ø 6.5mm anvils, without table
30-908-1223	Horizontal Stand, Integral Display 50mm with Ø 0.4mm anvils and table
30-908-1231	Horizontal Stand with Transducer 25mm with Ø 6.5mm anvils, without table
30-908-1232	Horizontal Stand with Transducer 50mm with Ø 6.5mm anvils, without table
30-908-1233	Horizontal Stand, Integral Display 50mm with Ø 0.4mm anvils and table
30-908-1224	Horizontal Stand, Integral Display 50mm with Ø 0.4mm anvils and table
30-908-1234	Horizontal Stand with Transducer 50mm with Ø 0.4mm anvils and table

See additional literature for alternative anvils and accessories
See following pages for remote display units.

TECHNICAL SPECIFICATION

External and internal measurement	30-908-1221	30-908-1231	30-908-1222	30-908-1232
Description	VS25	VP25	V550	VP50
Measuring capacity (mm)	38	38	68	68
Measuring range (mm)	25	25	50	50
Max. Error (µm)	5	1.5	7	2.5
Repeatability (µm)	1	0.3	1	0.4
Resolution (µm)	1	0.1	1	0.1
Measuring force (Adjustable) N	0.2 - 1.0	0.2 - 1.0	0.2 - 1.0	0.2 - 1.0
Weight (kg)	5	5	6.5	5.5
Anvils clamping dimension (mm)	Ø 1.5	Ø 1.5	Ø 1.5	Ø 1.5
Dimensions - A (mm)	301	301	401	401
Dimensions - B (mm)	65	65	96	96

TECHNICAL SPECIFICATION

2 - points Internal measurement with centring pins	30-908-1223	30-908-1224	30-908-1233	30-908-1234
Description	LVS50	LVS50	LVP50	LVP50
Internal measuring capacity (mm)	12 - 64	24 - 70	12 - 64	24 - 70
External measuring range (mm)	48	48	48	48
Max. Error (µm)	10	10	6	6
Repeatability (µm)	4	4	2	2
Resolution (µm)	1	1	0.1	0.1
Measuring force (Adjustable) N	0.2 - 1.0	0.2 - 1.0	0.2 - 1.0	0.2 - 1.0
Weight (kg)	7	7	7	7
Thickness of anvils (mm)	0.4	0.4	0.4	0.4
Anvils clamping dimension (mm)				
Adjustable range of the table (mm)	20	20	20	20
Dimensions - A (mm)	418	418	418	418
Dimensions - B (mm)	96	96	96	96