

Indicating Snap Gage MaraMeter EDI / EMD – 300P



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Application:

- For rapid measurements of cylindrical parts such as shafts, bolts and spindles for thickness and length measurements

Technical Data

Type		EDI-300P-X	EDI-301P-X	EMD-300P-XD	EMD-301P-XD
Lifting lever					
Indicator included		µMaxum II (2034201)	µMaxum II (2034201)	MaxµmIII (2033119)	MaxµmIII (2033119)
Measuring range		Order no.	Order no.	Order no.	Order no.
mm	inch				
0 - 25,4	0 - 1"	2051658 (-1)	2051674 (-1)	2051730 (-1D)	2051806 (-1D)
25,4 - 50,8	1 - 2"	2051664 (-2)	2051680 (-2)	2051734 (-2D)	2051810 (-2D)
50,8 - 76,2	2 - 3"	2051666 (-3)	2051681 (-3)	2051758 (-3D)	2051834 (-3D)
76,2 - 101,6	3 - 4"	2051668 (-4)	2051687 (-4)	2051762 (-4D)	2051838 (-4D)
101,6 - 127	4 - 5"	2051669 (-5)	2051688 (-5)	2051766 (-5D)	2051842 (-5D)
127 - 152,4	5 - 6"	2051670 (-6)	2051689 (-6)	2051770 (-6D)	2051846 (-6D)
152,4 - 177,8	6 - 7"	2051671 (-7)	2051690 (-7)	2051774 (-7D)	2051850 (-7D)
177,8 - 203,2	7 - 8"	2051672 (-8)	2051691 (-8)	2051778 (-8D)	2051854 (-8D)
203,2 - 228,6	8 - 9"	2051673 (-9)	2051692 (-9)	2051782 (-9D)	2051858 (-9D)
228,6 - 254	9 - 10"	2051659 (-10)	2051675 (-10)	2051711 (-10D)	2051787 (-10D)
254 - 279,4	10 - 11"	2051660 (-11)	2051676 (-11)	2051715 (-11D)	2051791 (-11D)
279,4 - 304,8	11 - 12"	2051661 (-12)	2051677 (-12)	2051719 (-12D)	2051795 (-12D)
304,8 - 330,2	12 - 13"	2051662 (-13)	2051678 (-13)	2051723 (-13D)	2051799 (-13D)
330,2 - 355,6	13 - 14"	2063714 (-14)	2051679 (-14)	2051727 (-14D)	2051803 (-14D)
355,6 - 381	14 - 15"	2063715 (-15)	2063840 (-15)	2064215 (-15D)	2063846 (-15D)
381 - 406,4	15 - 16"	2063716 (-16)	2063841 (-16)	2064216 (-16D)	2063847 (-16D)
406,4 - 431,8	16 - 17"	2063717 (-17)	2063842 (-17)	2064217 (-17D)	2063848 (-17D)
431,8 - 457,2	17 - 18"	2063718 (-18)	2063843 (-18)	2064218 (-18D)	2063849 (-18D)
457,2 - 482,6	18 - 19"	2063719 (-19)	2063844 (-19)	2064219 (-19D)	2063850 (-19D)
482,6 - 508	19 - 20"	2063720 (-20)	2063845 (-20)	2064220 (-20D)	2063851 (-20D)
Resolution	mm	0,0002/0,0005/0,001/0,005/0,01/0,02		0,0005/0,001/0,005	
	inch	.00001"/.00002"/.00005"/.0001"/.0002"/.0005"/.001"		.00002"/.00005"/.0001"/.0005"	
Graduation	mm	0,001/0,005/0,01		0,001/0,005/0,01	
	inch	.0001"/.0005"/.001"		.0001"/.0005"/.001"	
Mounting shaft	inch	3/8"	3/8"	3/8"	3/8"
Size of measuring surface	mm	15,5 x 15,5	15,5 x 15,5	15,5 x 15,5	15,5 x 15,5
	inch	.61" x .61"	.61" x .61"	.61" x .61"	.61" x .61"
Distance of movable anvil	mm	0,5	0,5	0,5	0,5
	inch	.02"	.02"	.02"	.02"
Parallelism deviation	µm	4	4	4	4
	inch	.00016"	.00016"	.00016"	.00016"
Measuring force	N	18	18	18	18

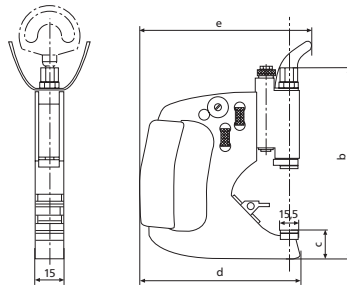
- Patented "Channel Lock" design assures precise parallel anvil surfaces throughout the full 25 mm / 1" range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- 0.50 mm / .020" movement of sensitive contact
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Large 15.5 mm / .61" square tungsten carbide anvils provide flat, parallel working surfaces ensuring precision that lasts.
- Indicator can be rotated to read from front or rear of the gage.
- All adjustments accomplished using a single hex wrench (furnished).

- **Scope of delivery:** Allen key

Indicating Snap Gage MaraMeter EDI / EMD – 300P

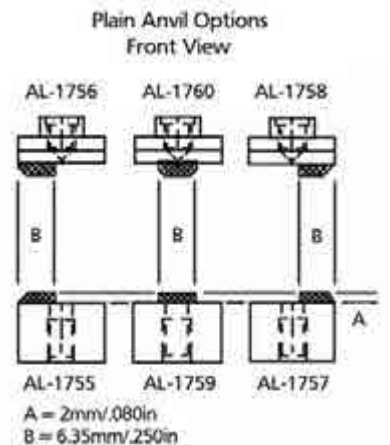
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Measuring range		a	a	b	b	c	c	d	d	e	e
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
25,4 - 50,8	1 - 2"	25.4	1"	150	6"	29	1.16"	145	5.8"	158	6.3"
50,8 - 76,2	2 - 3"	50.8	2"	175	7"	29	1.16"	141	5.6"	154	6.16"
76,2 - 101,6	3 - 4"	76.2	3"	200	8"	29	1.16"	155	6.2"	167	6.7"
101,6 - 127	4 - 5"	101.6	4"	226	9"	29	1.16"	167	6.7"	180	7.2"
127 - 152,4	5 - 6"	127	5"	251	10"	29	1.16"	180	7.2"	193	7.7"
152,4 - 177,8	6 - 7"	152.4	6"	278	11"	30	1.2"	203	8"	215	8.6"
177,8 - 203,2	7 - 8"	177.8	7"	303	12"	30	1.2"	213	8.5"	226	9"
203,2 - 228,6	8 - 9"	203.2	8"	329	13"	30	1.2"	231	9.2"	244	9.7"
228,6 - 254	9 - 10"	228.6	9"	335	13.5"	30	1.2"	248	9.9"	261	10.4"
254 - 279,4	10 - 11"	254	10"	419	16.5"	38.1	1.5"	284	11.2"	297	11.7"
279,4 - 304,8	11 - 12"	279.4	11"	444	17.5"	38.1	1.5"	304	12.0"	317	12.5"
304,8 - 330,2	12 - 13"	304.8	12"	469	18.5"	38.1	1.5"	317	12.5"	330	13.0"
330,2 - 355,6	13 - 14"	330.2	13"	495	19.5"	38.1	1.5"	332	13.1"	345	13.6"
355,6 - 381	14 - 15"	355.6	14"	502	20.5"	38.1	1.5"	358	14.1"	368.3	14.5"
381 - 406,4	15 - 16"	381	15"	546	21.5"	38.1	1.5"	335	13.2"	345	13.6"
406,4 - 431,8	16 - 17"	406.4	16"	571	22.5"	38.1	1.5"	335	13.2"	345	13.6"
431,8 - 457,2	17 - 18"	431.8	17"	604	23.8"	50.8	2.0"	365	14.4"	375	14.8"
457,2 - 482,6	18 - 19"	457.2	18"	662	26.1"	83.8	3.3"	381	15.0"	381	15.0"
482,6 - 508	19 - 20"	482.6	19"	683	26.9"	78.4	3.1"	363	14.3"	368	14.5"



Accessories

Order no.	Product name	Product type
2003150	Base/Bench Stand for 300P or 1000P style Snap Gage	BA-26
2204644	Bench stand for AGD style 3 disc masters up to 127mm / 5"	BA-71
2232441	Heavier force spring for EMD-30XP	SP-118
2232478	Lighter force spring for EMD-30XP	SP-192
2202272	Plain anvil (lower), left (option)	AL-1755
2202273	Plain anvil (upper), left (option)	AL-1756
2202274	Plain anvil (lower), right (option)	AL-1757
2202275	Plain anvil (lower), right (option)	AL-1758
2202276	Plain anvil (lower), middle (option)	AL-1759
2202277	Plain anvil (lower), middle (option)	AL-1760
2243295	Lighter force spring for EMD-30XP	
2243297	Heavier force spring for EMD-30XP	



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Indicating Snap Gage MaraMeter EDI – 300P – 3x / EMD – 300P –3x



Application:

- For rapid measurements of groove diameters

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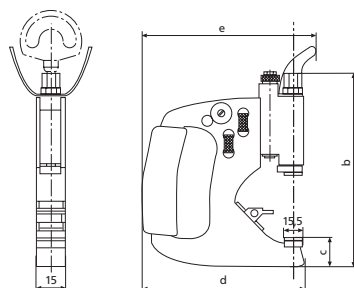
Technical Data

Type		EDI-300P-3x		EMD-300P-3x		
Indicator included			μMaxum II (2034201)		MaxumIII (2033119)	
Measuring range			Order no.		Order no.	
mm	inch					
0 - 25,4	0 - 1 "		2051667	(EDI-300P-31)	2051739	(EMD-300P-31)
25,4 - 50,8	1 - 2 "		2063732	(EDI-300P-32)	2051743	(EMD-300P-32)
50,8 - 76,2	2 - 3 "		2063733	(EDI-300P-33)	2051747	(EMD-300P-33)
76,2 - 101,6	3 - 4 "		2063734	(EDI-300P-34)	2051751	(EMD-300P-34)
101,6 - 127	4 - 5 "		2063735	(EDI-300P-35)	2051755	(EMD-300P-35)
127 - 152,4	5 - 6 "		2063736	(EDI-300P-36)	2063836	(EMD-300P-36)
152,4 - 177,8	6 - 7 "		2063737	(EDI-300P-37)	2063837	(EMD-300P-37)
177,8 - 203,2	7 - 8 "		2063738	(EDI-300P-38)	2063838	(EMD-300P-38)
203,2 - 228,6	8 - 9 "		2063739	(EDI-300P-39)	2063839	(EMD-300P-39)
	Resolution	mm	0,0002/0,0005/0,001/0,005/ 0,01/0,02		0,0005/0,001/0,005	
	Resolution	inch	.00001"/.00002"/.00005"/ .0001"/.0002"/.0005"/.001"		.00002"/.00005"/.0001"/.0005"	
	Graduation	mm	0,001/0,005/0,01			
	Graduation	inch	.0001"/.0005"/.001"			
	Mounting shaft	inch	3/8"		3/8"	
	Size of measuring surface	mm	2,13		2,13	
	Size of measuring surface	inch	.08"		.08"	
	Distance of movable anvil	mm	0,5		0,5	
	Distance of movable anvil	inch	.02"		.02"	
	Parallelism deviation	μm	4		4	
	Parallelism deviation	inch	.00016"		.00016"	
	Measuring force	N	18		18	

- Patented "Channel Lock" design assures precise parallel anvil surfaces throughout the full 25 mm / 1" range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- 0.50 mm / .020" Movement of sensitive contact.
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Hardened Steel blade anvils AL-110 with 2,13 mm / .08"
- Indicator can be rotated to read from front or rear of the gage.
- All adjustments accomplished using a single hex wrench (furnished).
- **Scope of delivery:** Allen key

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Measuring range		a	b	c	d	e
mm	inch	mm	mm	mm	mm	mm
0 - 25,4	0 - 1"	25.4	150	29	145	158
25,4 - 50,8	1 - 2"	50.8	175	29	141	154
50,8 - 76,2	2 - 3"	76.2	200	29	155	167
76,2 - 101,6	3 - 4"	101.6	226	29	167	180
101,6 - 127	4 - 5"	127	251	29	180	193
127 - 152,4	5 - 6"	152.4	278	30	203	215
152,4 - 177,8	6 - 7"	177.8	303	30	213	226
177,8 - 203,2	7 - 8"	203.2	329	30	231	244
203,2 - 228,6	8 - 9"	228.6	335	30	248	261



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Order no.	Product name	Product type
2003150	Base/Bench Stand for 300P or 1000P style Snap Gage	BA-26
2204644	Bench stand for AGD style 3 disc masters up to 127mm / 5"	BA-71
2232478	Lighter force spring for EMD-30XP	SP-192
2232441	Heavier force spring for EMD-30XP	SP-118
2243295	Lighter force spring for EDI-30XP	2243295
2243297	Heavier force spring for EDI-30XP	2243297
2202239	Blade anvils, steel, width 0,25mm/.010", depth 0,76mm/.030" (option)	AL-107
2202240	Blade anvils, steel, width 0,69mm/.027", depth 1,02mm/.040" (option)	AL-108
2202241	Blade anvils, steel, width 1,12mm/.044", depth 5,08mm/.20" (option)	AL-109
2202242	Blade anvils, steel, width 2,13mm/.084", depth 6,35mm/.25" (standard)	AL-110
2202266	Blade anvils, carbide, width 0,25mm/.010", depth 0,76mm/.030" (option)	AL-1741
2202267	Blade anvils, carbide, width 0,69mm/.027", depth 0,76mm/.040" (option)	AL-1742
2202268	Blade anvils, carbide, width 1,12mm/.044", depth 5,08mm/.20" (option)	AL-1743
2202269	Blade anvils, carbide, width 2,13mm/.084", depth 6,35mm/.25" (option)	AL-1744

