

MarCal 30 EWri / 30 EWR

Digital Depth Gauge

FUNCTIONS 30 EWri

- ON/OFF
- AUTO-ON / OFF
- RESET (set display to zero)
- mm/inch
- PRESET (for entering a numerical value)
- LOCK function (key lock)
- HOLD (storage of measured values)
- Reversal of counting direction
- DATA (data transmission)



FUNCTIONS 30 EWR

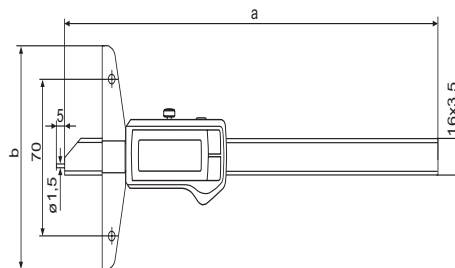
- AUTO-ON / OFF
- DATA (data transmission via connection cable)
- ON/OFF
- PRESET (for entering a numerical value)
- RESET (set display to zero)
- mm/inch
- LOCK function (key lock)
- High contrast analog display
- Locking screw above
- Lapped guideway
- Measuring surfaces made of steel
- Slide and beam made of hardened stainless steel
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide



TECHNICAL DATA

Order no.	Type	Measuring range		Numerical increment	Error limit		Standard
		mm	inch		mm	inches (text)	
4126755	30 EWri	0 -150	0 -6"	0.01 / .0005"	0.03	.001"	Factory standard
4126754	30 EWri	0 -200	0 -8"	0.01 / .0005"	0.03	.001"	Factory standard
4126756	30 EWri	0 -300	0 -12"	0.01 / .0005"	0.04	.0015"	Factory standard
4126757	30 EWri	0 -500	0 -20"	0.01 / .0005"	0.05	.002"	Factory standard
4126700	30 EWR	0 -150	0 -6"	0.01 / .0005"	0.03	.001"	Factory standard
4126699	30 EWR	0 -200	0 -8"	0.01 / .0005"	0.03	.001"	Factory standard
4126701	30 EWR	0 -300	0 -12"	0.01 / .0005"	0.04	.0015"	Factory standard
4126702	30 EWR	0 -500	0 -20"	0.01 / .0005"	0.05	.002"	Factory standard

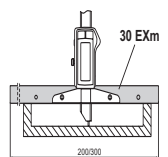
Order no.	a	b
	mm	mm
4126755	234	100
4126754	284	100
4126756	384	150
4126757	584	150
4126700	234	100
4126699	284	100
4126701	384	150
4126702	584	150



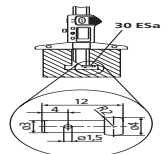
i-Stick

ACCESSORIES

Order no.	For measuring instrument	Quantity	unit	Product name	Type
4102220	30 EWri			Receiver for instruments with integrated wireless	i-Stick
4102357	30 EWR			16 EXu data connection cable USB (2 m)	16 EXu
4102410	30 EWR			Data connection cable RS232C (2 m)	16 EXr
4102520	30 EWri, 30 EWR			Battery 3 V, CR 2032	
4102915	30 EWR			Digimatic data cable (2 m)	16 EWd
4125611	30 EWri, 30 EWR	Piece		Anvil (4 mm)	30 ESa
4126510	30 EWri, 30 EWR			Cross beam extension (300 mm)	30 EXm
4126511	30 EWri, 30 EWR			Cross beam extension (200 mm)	30 EXm



30 EXm



30 ESa

MarCal 30 EWRI

Digital Depth Gage



FUNCTIONS

- ON/OFF
- AUTO-ON / OFF
- RESET (set display to zero)
- mm/inch
- PRESET (for entering a numerical value)
- LOCK function (key lock)
- HOLD (storage of measured values)
- Reversal of counting direction
- DATA (data transmission)

FEATURES

- High contrast analog display
- Locking screw above
- Lapped guideway
- Measuring surfaces made of steel
- Slide and beam made of hardened stainless steel
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide
- **Digit height:** 11 mm
- **Data interface:** Integrated wireless
- **Energy supply:** Battery life approx. 3 years (approx. 0.5 in wireless mode)
- **IP protection category:** IP 67
- **Package contains:** battery, instruction manual, case



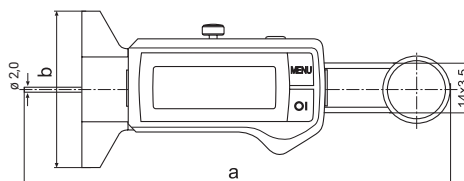
Application:

- Small, handy, practical
- Ideal for mobile use in manufacturing and inspection and on site
- For small measuring depths in bores, grooves, channels, etc.

TECHNICAL DATA

Order no.	Type	Measuring range mm	Measuring range inch	Numerical increment mm/inch	Error limit mm	Error limit inches (text)	Standard	Depth rod
4126751	30 EWRI	0 -25	0 -1"	0.01 / .0005"	0.02	.0008"	Factory standard	round

Order no.	a	b
	mm	mm
4126751	129	48



ACCESSORIES

Order no.	Product name	Type
4102220	Receiver for instruments with integrated wireless	i-Stick
4102520	Battery 3 V, CR 2032	



i-Stick

MarCal 30 N

DIN 862

Depth Gauge

FEATURES

- Vernier and scale have a satin chrome finish for glare free reading
- Locking screw below
- Hardened measuring pin
- Measuring surfaces made of steel
- Interchangeable beams
- Package contains: case



Application:

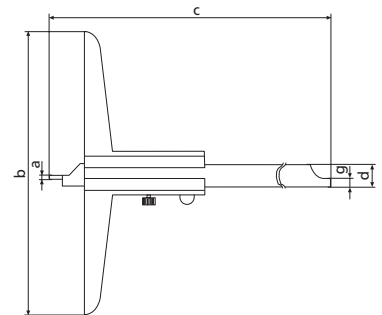
Interchangeable measuring rail with 2 different measuring surfaces

- Straight rod: for conventional depth measurements
- Stylus: for measurements in narrow grooves, small bores or uneven surfaces

TECHNICAL DATA

Order no.	Type	Measuring range	Vernier value	Error limit	Standard
		mm	mm	mm	
4127200	30 N	0 – 80	0.05	0.05	DIN 862
4127300	30 N	0 – 150	0.05	0.05	DIN 862
4127301	30 N	0 – 200	0.05	0.05	DIN 862
4127201	30 N	0 – 300	0.05	0.05	DIN 862
4127202	30 N	0 – 500	0.05	0.07	DIN 862

Order no.	a	b	c	d	g
	mm	mm	mm	mm	mm
4127200	1	50	140	8	
4127300	1.5	100	235	8	3.5
4127301	1.5	100	285	8	3.5
4127201	2	150	390	12	4
4127202	2	150	590	12	4



MarCal 30 EWri-D / 30 EWR-D

Digital Depth Gauge

FUNCTIONS 30 EWri-D

- ON/OFF
- AUTO-ON / OFF
- mm/inch
- LOCK function (key lock)
- RESET (set display to zero)
- PRESET (for entering a numerical value)
- DATA (data transmission)
- HOLD (storage of measured values)



30 EWri-D

FUNCTIONS 30 EWR-D

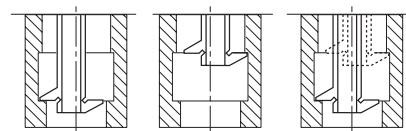
- ON/OFF
- AUTO-ON / OFF
- mm/inch
- LOCK function (key lock)
- RESET (set display to zero)
- PRESET (for entering a numerical value)
- DATA (data transmission via connection cable)
- High contrast analog display
- Locking screw above
- Lapped guideway
- Measuring surfaces made of steel
- Slide and beam made of hardened stainless steel
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide



30 EWR-D

Application:

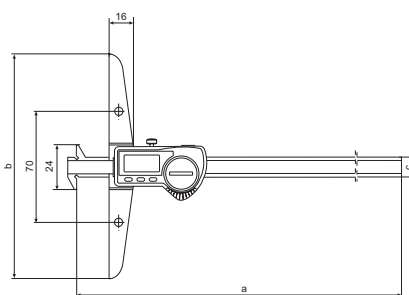
Measuring groove widths and distances between grooves



TECHNICAL DATA

Order no.	Type	Measuring range	Measuring range inch	Numerical increment	Error limit	Error limit inches (text)	Standard
		mm	inch	mm/inch	mm	inch	
4126533	30 EWri-D	0-200	0-8"	0.01 / .0005"	0.03	.001"	Factory standard
4126534	30 EWri-D	0-300	0-12"	0.01 / .0005"	0.04	.001"	Factory standard
4126523	30 EWR-D	0-200	0-8"	0.01 / .0005"	0.03	.001"	Factory standard
4126524	30 EWR-D	0-300	0-12"	0.01 / .0005"	0.04	.001"	Factory standard

Order no.	a	b	c
	mm	mm	mm
4126533	281	100	12
4126534	381	150	12
4126523	281	100	12
4126524	381	150	12

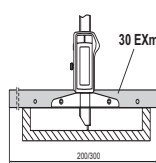


ACCESSORIES

Order no.	For measuring instrument	Product name	Type
4102220	30 EWri-D	Receiver for instruments with integrated wireless	i-Stick
4102357	30 EWR-D	16 EXu data connection cable USB (2 m)	16 EXu
4102410	30 EWR-D	Data connection cable RS232C (2 m)	16 EXr
4102520	30 EWri-D, 30 EWR-D	Battery 3 V, CR 2032	
4102915	30 EWR-D	Digimatic data cable (2 m)	16 EWd
4126510	30 EWri-D, 30 EWR-D	Cross beam extension (300 mm)	30 EXm
4126511	30 EWri-D, 30 EWR-D	Cross beam extension (200 mm)	30 EXm



i-Stick



30 EXm

MarCal 30 EWRI-N / 30 EWR-N

Digital Depth Gauge

FUNCTIONS 30 EWRI-N

- ON/OFF
- AUTO-ON / OFF
- mm/inch
- LOCK function (key lock)
- RESET (set display to zero)
- PRESET (for entering a numerical value)
- DATA (data transmission)
- HOLD (storage of measured values)



30 EWRI-N

FUNCTIONS 30 EWR-N

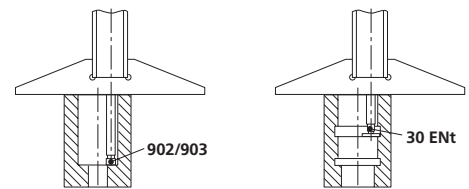
- ON/OFF
- AUTO-ON / OFF
- mm/inch
- LOCK function (key lock)
- RESET (set display to zero)
- PRESET (for entering a numerical value)
- DATA (data transmission via connection cable)
- High contrast analog display
- Locking screw above
- Lapped guideway
- Measuring surfaces made of steel
- Slide and beam made of hardened stainless steel
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide



30 EWR-N

Application:

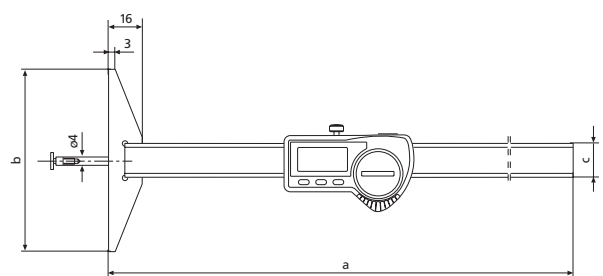
Measuring groove widths and distances between grooves



TECHNICAL DATA

Order no.	Type	Measuring range		Numerical increment	Error limit		Standard
		mm	inch		mm	inch	
4126532	30 EWRI-N	0 - 100	0 - 4"	0.01 / .0005"	0.03	.001"	Factory standard
4126513	30 EWR-N	0 - 100	0 - 4"	0.01 / .0005"	0.03	.001"	Factory standard

Order no.	a	b	c
4126532	268	85	16
4126513	268	85	16



FEATURES 30 EWRI-N

- **Digit height:** 11mm
- **Data interface:** Integrated wireless
- **Energy supply:** Battery life approx. 3 years (approx. 0.5 in wireless mode)
- **IP protection category:** IP 67
- **Package contains:** battery, instruction manual, anvils 30 Ent (1mm), 902 (4mm) and 903 (4mm), case

FEATURES 30 EWR-N

- **Digit height:** 8.5mm
- **Data interface:** USB, RS232C, Digimatic
- **Energy supply:** Battery life approx. 3 years

MarCal 30 EWri-N / 30 EWR-N

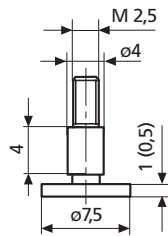
Digital Depth Gage

ACCESSORIES

Order no.	For measuring instrument	Quantity unit	Product name	Type
4102220	30 EWri-N		Receiver for instruments with integrated wireless	i-Stick
4102357	30 EWR-N		16 EXu data connection cable USB (2 m)	16 EXu
4102410	30 EWR-N		Data connection cable RS232C (2 m)	16 EXr
4102520	30 EWR-N, 30 EWri-N		Battery 3 V, CR 2032	
4102915	30 EWR-N		Digimatic data cable (2 m)	16 EWd
4126310	30 EWR-N, 30 EWri-N	Piece	Disc type anvil (7.5 x 0.5 mm)	30 ENt
4882022	30 EWR-N, 30 EWri-N	Piece	Disc type anvil (7.5 x 1 mm)	30 ENT



i-Stick



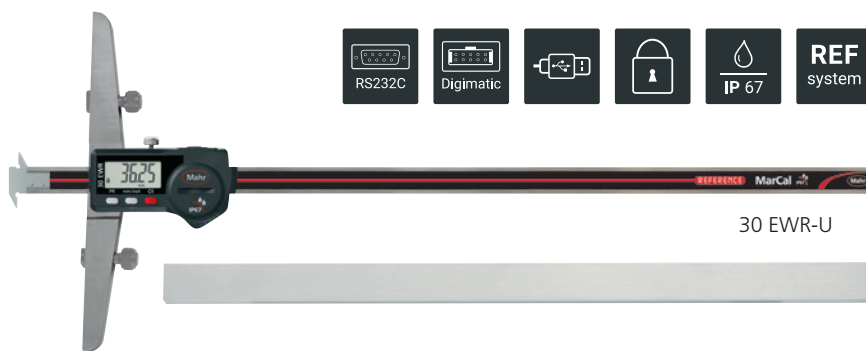
30 ENt

MarCal 30 EWR-U / 30 EWRI-U

Digital Depth Gage

FUNCTIONS 30 EWR-U:

- ON/OFF
- AUTO-ON / OFF
- mm/inch
- LOCK function (key lock)
- RESET (set display to zero)
- PRESET (for entering a numerical value)
- DATA (data transmission via connection cable)



30 EWR-U

FUNCTIONS 30 EWRI-U:

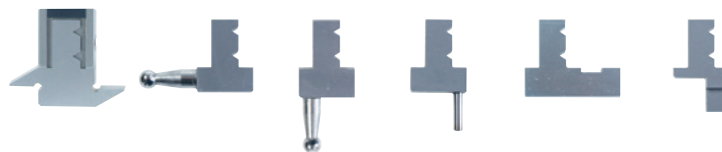
- ON/OFF
- AUTO-ON / OFF
- mm/inch
- LOCK function (key lock)
- RESET (set display to zero)
- PRESET (for entering a numerical value)
- DATA (data transmission)
- HOLD (storage of measured values)
- High contrast analog display
- Locking screw above
- Lapped guideway
- Measuring surfaces made of steel
- Slide and beam made of hardened stainless steel
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide



30 EWRI-U

Application:

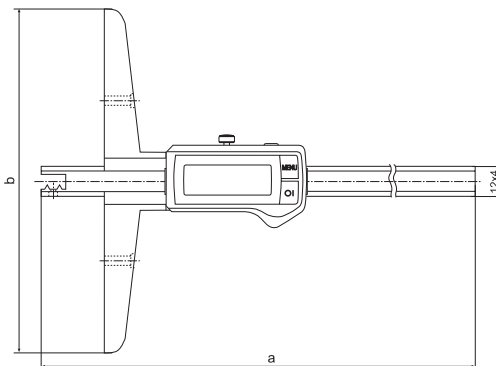
- Measuring groove widths and distances between grooves (with standard 30 Ud anvil with twin hook)
- This depth gage can also be adapted to other measuring applications with the extensive range of optional accessories (anvils and adjustable measuring bridges)



TECHNICAL DATA

Order no.	Product type	Measuring range		Resolution	Error limit		Standard
		mm	inch		mm	inch	
4126623	30 EWR-U	0-300	0-12"	0.01 / .0005"	0.04	0.0016"	Factory standard
4126624	30 EWR-U	0-500	0-20"	0.01 / .0005"	0.05	0.002"	Factory standard
4126603	30 EWRI-U	0-300	0-12"	0.01 / .0005"	0.04	0.0016"	Factory standard
4126604	30 EWRI-U	0-500	0-20"	0.01 / .0005"	0.05	0.002"	Factory standard

Order no.	a	b	c
	mm	mm	mm
4126623	385	150	16
4126624	585	150	16
4126603	385	150	16
4126604	585	150	16

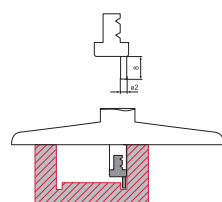


MarCal 30 EWR-U / 30 EWRI-U

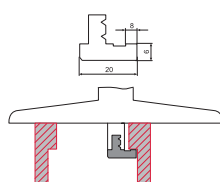
Digital Depth Gage

ACCESSORIES

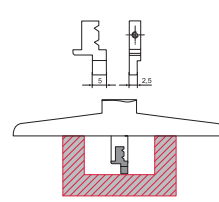
Order no.	For measuring instrument	Product name	Quantity unit	Product type
4102220	30 EWRI-U	Receiver for instruments with integrated wireless		i-Stick
4102357	30 EWR-U	16 EXu data connection cable USB (2 m)		16 EXu
4102410	30 EWR-U	Data connection cable RS232C (2 m)		16 EXr
4102520	30 EWRI-U, 30 EWR-U	Battery 3 V, CR 2032		
4102915	30 EWR-U	Digimatic data cable (2 m)		16 EWD
4126630	30 EWRI-U, 30 EWR-U	Interchangeable anvil with twin hook. For width and distance measurements of recesses, grooves and offsets.	Piece	30 EUd
4126631	30 EWRI-U, 30 EWR-U	Interchangeable anvil with ball insert, Ø 4 mm, angled. For distance measurements in lateral recesses and grooves.	Piece	30 EUw
4126632	30 EWRI-U, 30 EWR-U	Interchangeable anvil with ball insert, Ø 4 mm, straight. For depth measurements in narrow front recesses and grooves and concave measuring points.	Piece	30 EUg
4126633	30 EWRI-U, 30 EWR-U	Interchangeable anvil with measuring pin, Ø 2 x 8 mm. Suitable for all conventional depth measurements and for contacting in small bores and confined spaces.	Piece	30 EUb
4126634	30 EWRI-U, 30 EWR-U	Interchangeable anvil with measuring hook. For width and distance measurements of wide recesses and offsets.	Piece	30 EUh
4126635	30 EWRI-U, 30 EWR-U	Interchangeable anvil with chisel edge for straight measuring rod. For conventional measuring tasks with straight measuring rod.	Piece	30 EUs
4126641	30 EWRI-U, 30 EWR-U	Adjustable measuring bridge 300 mm including fittings. For broad-based support on large workpieces and for offset measurement outside the center of a large bore, e.g. measuring on a gearbox flange.	Piece	30 EUm
4126642	30 EWRI-U, 30 EWR-U	Adjustable measuring bridge 400 mm including fittings. For broad-based support on large workpieces and for offset measurement outside the center of a large bore, e.g. measuring on a gearbox flange.	Piece	30 EUm



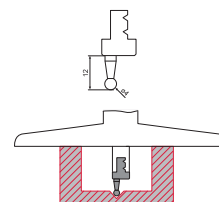
30 EUb



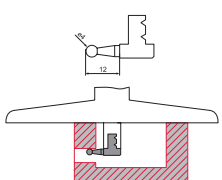
30 EUh



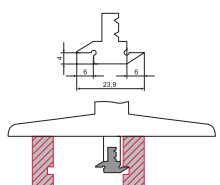
30 EUs



30 EUg



30 EUw



30 EUd



30 EUm



i-Stick