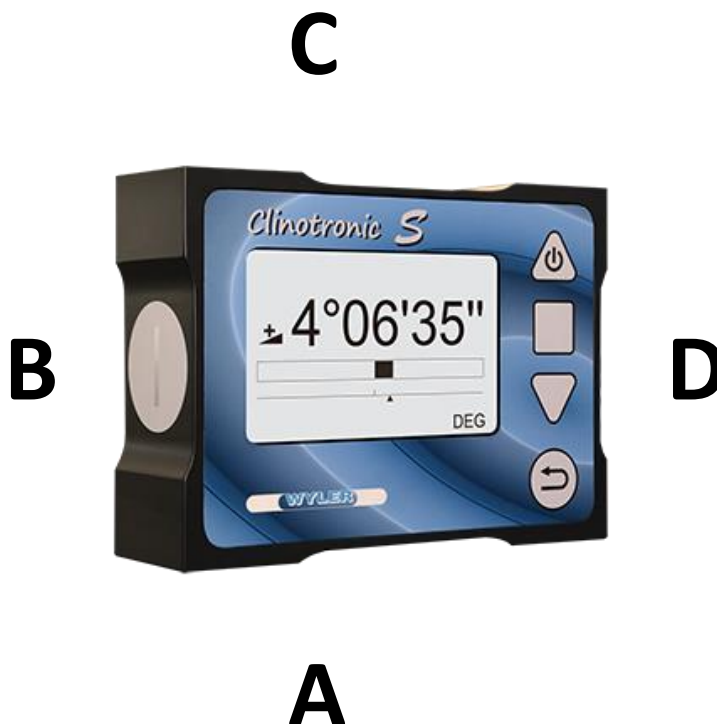


## Clinotronic S

### Features

- Measuring range  $\pm 45^\circ$ .
- Support of calibration with wylerMASTER
- Adjustable to local gravity
- Aluminium housing, hard anodised
- Data transmission, wireless (BT Low Energy)
- Data transmission, cable
- wylerTRIGGER support for data acquisition
- CE conformity



### Definition of naming the 4 bases in the further context:

Starting with A as the main reference, the horizontal bottom base.  
The other bases are named B, C and D in clockwise direction.

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**Dimensions:**



**Specifications and applicable standards**

Housing	Standard	Option
<b>Material</b>	Aluminium, hard anodized	
<b>Dimension</b>	100 x 75 x 30 mm	
<b>Base A/B/C/D</b>	Flat – grinded	-Magnetic inserts -Threads M3 -Magnetic inserts and threads M3
<b>Operating temperature</b>	0 ... 40°C	
<b>Storage temperature</b>	-20 ... 60°C	
<b>Standards</b>	WYLER specification	
<b>Relative humidity</b>	Max. 80 % RH up to 31 °C, decreasing linearly to 50 % RH at 40 °C	
<b>Protection class</b>	IP 64	
<b>Weight</b>	400 g	

Electrical Characteristic	
<b>External power supply</b>	5 V DC (USB)
<b>Current consumption</b>	500 mA @ 5V DC
<b>Batterie</b>	Lithium-ion battery, 1 x 3.6V, 3333mAh (12Wh)
<b>Batterie lifetime</b>	max 33h
<b>Batterie charging in Device</b>	Supported over (USB power adapter, 015-003-002)

Specification	
<b>Range</b>	± 45°
<b>Sensitivity</b>	5 arcsec
<b>Limits of error within 12 months * T<sub>A</sub> =20°C</b>	0.055% M <sub>W</sub> / min 15 arcsec
<b>Response time</b>	5 sec

M<sub>W</sub> = measured value  
T<sub>A</sub> = ambient temperature  
\* typical value

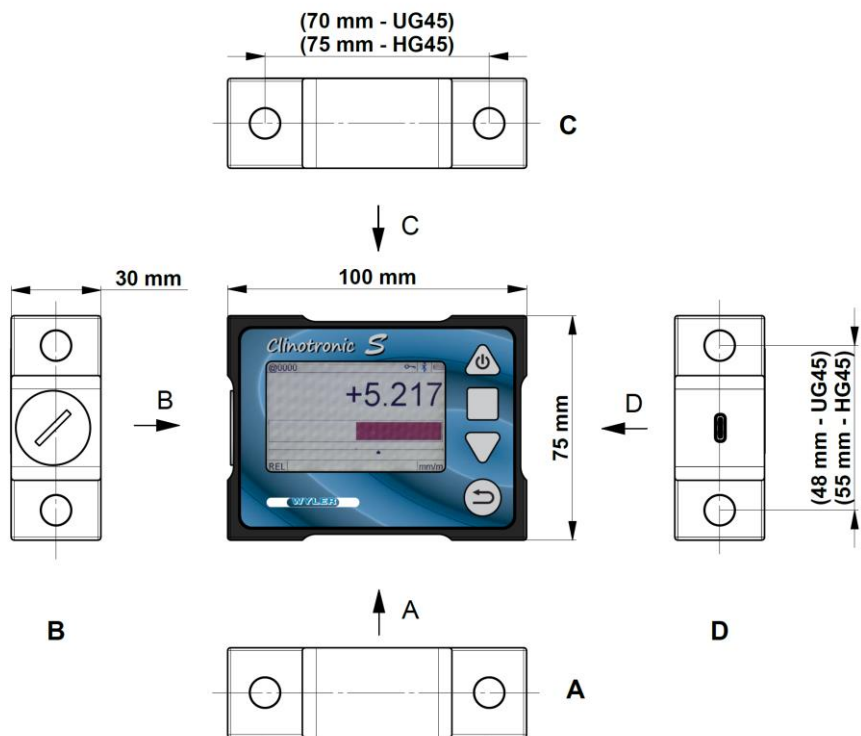
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Unit	Decimals	Value in Display	Unit in Display	Digit step
mm per m	2	xxxx.xx	mm/m	0.02
Inch per 10 Inch	4	xx.xxxx	"/10"	0.0002
Inch per 12 Inch	4	xx.xxxx	"/12"	0.0002
milli radian	2	xxx.xx	mRad	0.02
mm per relative base	2	dynamic	mm/REL	0.01
Inch per relative base		dynamic	"/REL	0.0001
artillery per mill	0	xxx	A‰	1
per mill	2	xxxx.xx	‰	0.01
percent	3	xxx.xxx	%	0.002
degree	3	xx.xxx°	DEG	0.001
degree + arc minutes + arc seconds		xx°xx'xx"	DEG	5"
centesimal degree	3	xx.xxx	GON	0.001
slope		dynamic	SLOPE	0.001

USB	
Value update rate	5 values per second
Temperature reading	supported
Interfaces	wylerCONNECT
Connectivity	wylerEXPLORER: v2.0.6.0 or higher wylerSPEC: v2.1.10.0 or higher wylerINSERT: v2.1.11.0 or higher wylerDYNAM: v2.1.0.0 or higher wylerCHART: v2.0.2.0 or higher
Digital output	USB

Bluetooth	
Value update rate	5 values per second
Interfaces	wylerCONNECT
Connectivity	wylerEXPLORER: v2.0.6.0 or higher wylerSPEC: v2.1.10.0 or higher wylerINSERT: v2.1.11.0 or higher wylerDYNAM: v2.1.0.0 or higher wylerCHART: v2.0.2.0 or higher APP wylerUNIVERSAL for Android ONLY
Range	~10 meter

With magnetic inserts



With M3 threads

