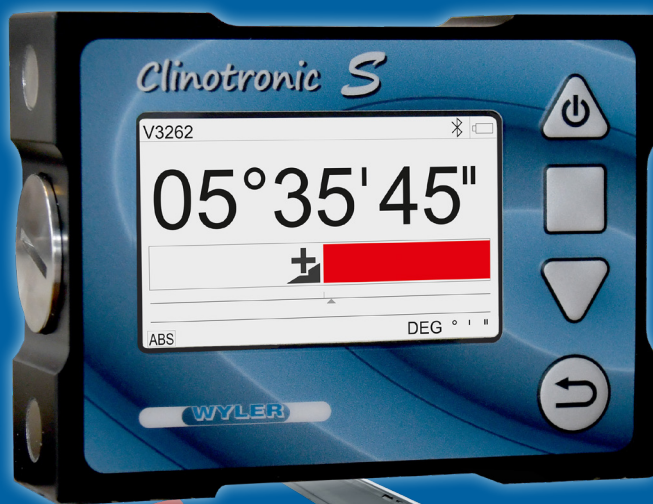


# WYLER

## Clinotronic S

*Inclination measurement ... as easy as it gets.*



- Precision inclination measurement
- Wireless data transmission
- Adapted to local gravity

**WYLER AG**  
Inclination measuring systems

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+41(0) 52 233 20 53  
wyler@wylerag.com  
www.wylerag.com



# Clinotronic S

**Clinotronic S** is a precise instrument with wireless data transmission to measure inclinations.

**Clinotronic S** is building on the success of the Clinotronic PLUS. It keeps those features of the Clinotronic PLUS, which made it famous, like its reliability and multi-purpose capabilities - and adds latest technology to it:

- Wireless functionality
- Excellent display with low power consumption
- User friendly
- Adjusted to local gravity
- Increased accuracy

## Wireless functionality

**Clinotronic S** can be connected to an Android™ or iOS™ device, which can then be used as remote display. This new feature makes the instrument much more versatile and opens new applications.



Furthermore each **Clinotronic S** is supplied with the wylerCONNECT MINI, a Bluetooth® USB-communication module.



wylerCONNECT MINI

The wylerCONNECT MINI allows to send data from the **Clinotronic S** units to a laptop. This ensures a more efficient adjustment of machines.

## Data transmission via USB cable

It goes without saying that data transmission via the USB cable to a laptop is possible as well.



*Inclination measuring systems. Precise. Since 1928.*

# Clinotronic S

## Excellent display

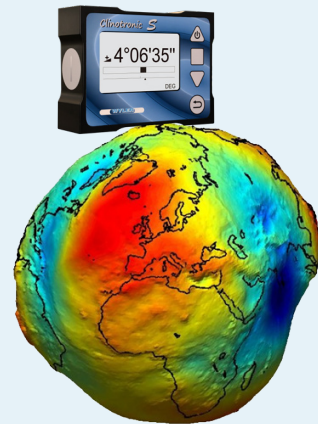
The large color display with low power consumption is backlit and has a high contrast. It therefore provides excellent readability even under adverse conditions like a workshop or under a machine.

## User friendly

The completely redesigned Man-Machine-Interface allows a very intuitive handling.

## Adjusted to local gravity

To ensure best possible accuracy the **Clinotronic S** can be adjusted to local gravity.



## Software

The following software products can be used to collect data from a **Clinotronic S** in a laptop:

- Continuous measurement / monitoring:

- **wylerCHART**  
and
- **wylerDYNAM**



- Simple software to insert single values directly into e.g. EXCEL:

- **wylerINSERT**



... quality...

# Clinotronic S

## Application / Industries



### Automotive industry

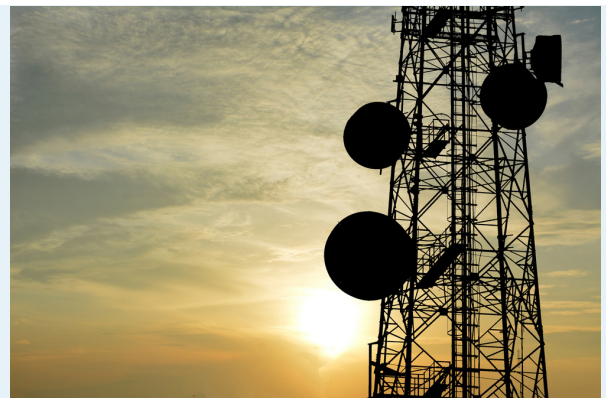
Correct and precise adjustment of the wheel camber of a car is not only a question of safety, but is very crucial for racecars to win.

The remote display facilitates the measurement of the values while adjusting the suspension.

### Communication industry

A good internet and phone network requires a reliable network of antennas.

*Clinotronic S* makes adjusting antennas very easy. The remote display supports the measurement.



### Automotive industry

Correct adjustment of front lights of a car during certification tests.

The accuracy of the *Clinotronic S* makes the testing very efficient.

### Civil engineering

Correct adjustment of the camber of highways is crucial to ensure that heavy rainwater is draining off fast which again is crucial for traffic safety.

*Clinotronic S* is perfectly suited for this application. The backlit display together with the remote display ensure an efficient work process even at dawn.



... innovation and precision ...



# Clinotronic S

## Application / Industries

### Aerospace industry

**Clinotronic S** is used worldwide to check and adjust flaps and other control elements on airplanes.



### Medical industry

**Clinotronic S** is used in hospitals and radiology clinics to ensure correct adjustment of the patients table to the axis of the radiation head.



### Solar Energy

Optimal adjustment of solar panels.

**Clinotronic S** is used to adjust and check solar panels in solar power stations to ensure best possible efficiency of the power station.



### Machine industry

Adjustment of parts of a machine; e.g. the angle of a grinding head.

The remote display facilitates the adjustment.



*... high technology with swiss precision ...*

# Clinotronic S

## Technical Specification

Measuring range	$\pm 45^\circ$
Sensitivity	5 arcsec 0.020 mm/m
Limits of error $M_w$ = measuring value, Temp. t = stable	0.04% $M_w$ / min 5 arcsec
Drift / 24 h	10 arcsec
Response time	< 5 sec
Power supply :	
• Lithium-ion battery	3.6 V, 3333 mAh, (12 Wh)
• External power	5 V (USB-C)
Battery life with medium brightness of LCD screen and Bluetooth® on.	max 33 h
Max current consumption during charging process at max brightness of LCD screen and Bluetooth® activated.	500 mA, 5 V
Operating temperature	0° ... 40°C
Storage temperature	-20° ... 60°C
IP class (with protection cap for USB-C)	IP 64
Dimensions (L x W x H)	100 x 75 x 30 mm
Weight:	
• <b>Clinotronic S</b> , including lithium-ion battery	400 g
• including USB power adapter, USB cable, infrared-trigger, wylerCONNECT MINI	850 g

Available versions	Part number
Instrument with no inserts	015-S-XG45
Magnetic inserts in all sides	015-S-HG45
Threaded holes in all sides	015-S-PG45



## Scope of delivery:

- **Clinotronic S**, including 1 lithium-ion battery
- USB power adapter (100 V ... 240 V)
- USB cable USB-A/USB-C
- wylerCONNECT MINI: Bluetooth® USB-communication module
- Infrared-trigger
- Quick reference manual (full manual can be downloaded from [www.wylerag.com](http://www.wylerag.com))
- Case

... made for professionals ...

# Clinotronic S

## Options / Spare parts

Lithium-ion battery	015-S-B2600	
External charger (100 V ... 240 V): It allows to charge externally up to 2 lithium-ion batteries.	015-S-Charge	
USB power adapter (100 V ... 240 V): It allows to charge the lithium-ion battery in the <b>Clinotronic S</b> .	015-003-002	
USB cable USB-A/USB-C	015-014-001	
wylerCONNECT MINI Bluetooth® USB-communication module	015-006-001	
Infrared-trigger	015-005-007	
wylerMASTER for the <b>Clinotronic S</b> with 21 calibration points. Cast iron; surfaces chromium plated.	200-015-0001	
SCS certificate		
Outdoor-Smartphone CAT with pre-installed <b>Clinotronic S</b> -App	016-006-001	
Software wylerCHART	065-CHART-1	
Software wylerDYNAM	065-DYNAM2-1	
Software wylerINSERT	024-WYNSERT-1	

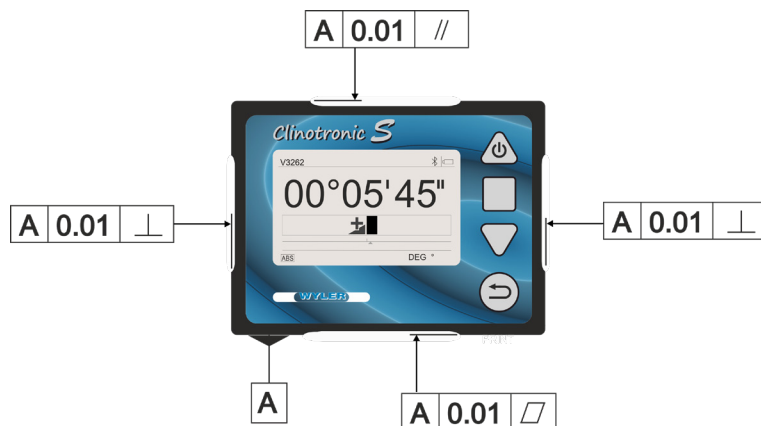
... our quality is the basis for your competitiveness ...

# Clinotronic S

## Mechanical accuracy

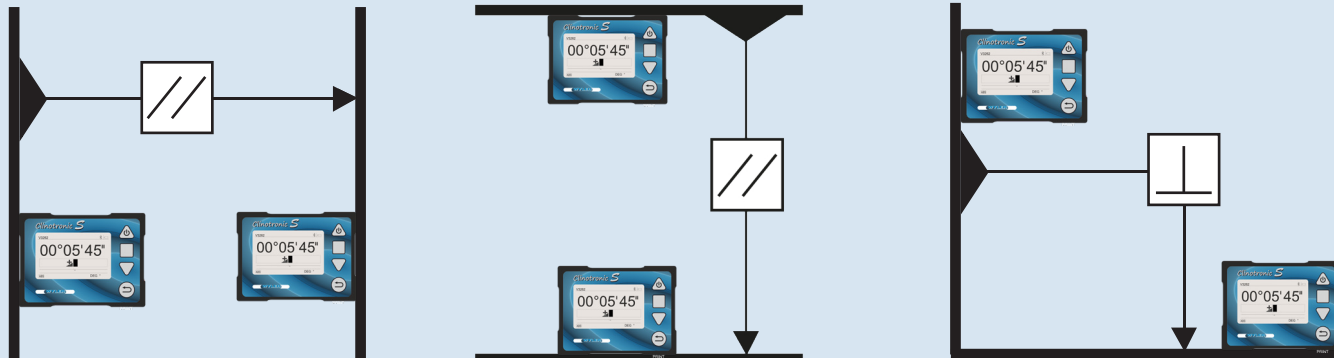
### Mechanical accuracy of housing

- Flatness measuring bases 0.01 mm
- Squareness to lower base 0.01 mm
- Parallelism to lower base 0.01 mm



## Wide versatility

All four precision surfaces of the **Clinotronic S** allow the measurement of parallelism as well as perpendicularity on e.g. vertical guideways or on presses



[www.wylerag.com](http://www.wylerag.com)



Videos WYLER AG  
Quality - Innovation - Service



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... as easy as it gets!