IBR

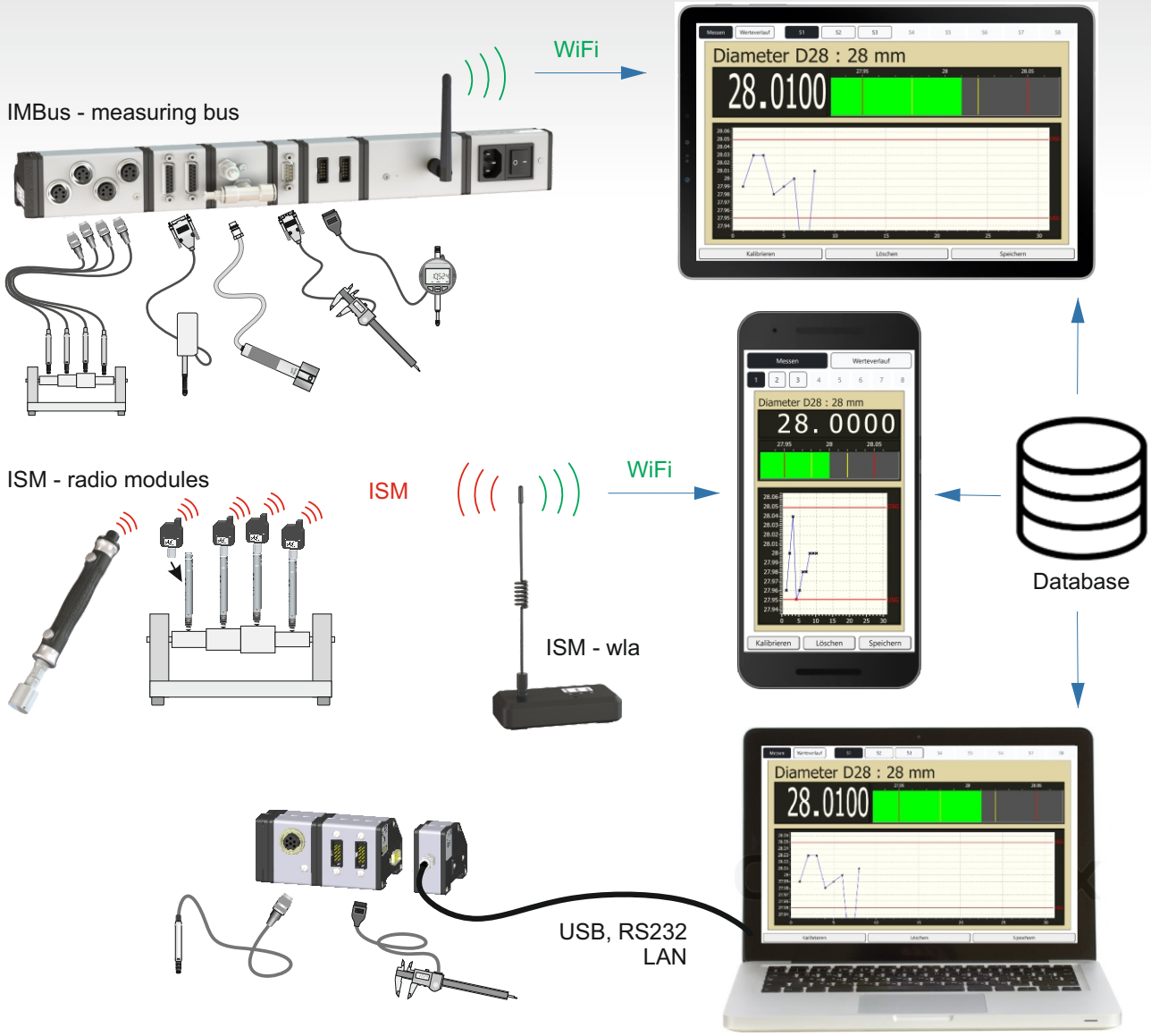
Messtechnik GmbH & Co. KG

WebGage Light

software

WebGage Light

WebGage Light allows to collect, to display, to store and to evaluate measured data with each PC, notebook, tablet, smartphone, ... in combination with a web browser.
The gauges and sensors can be connected therefore either via the IMBus or via the ISM radio modules.



Advantages of WebGage Light

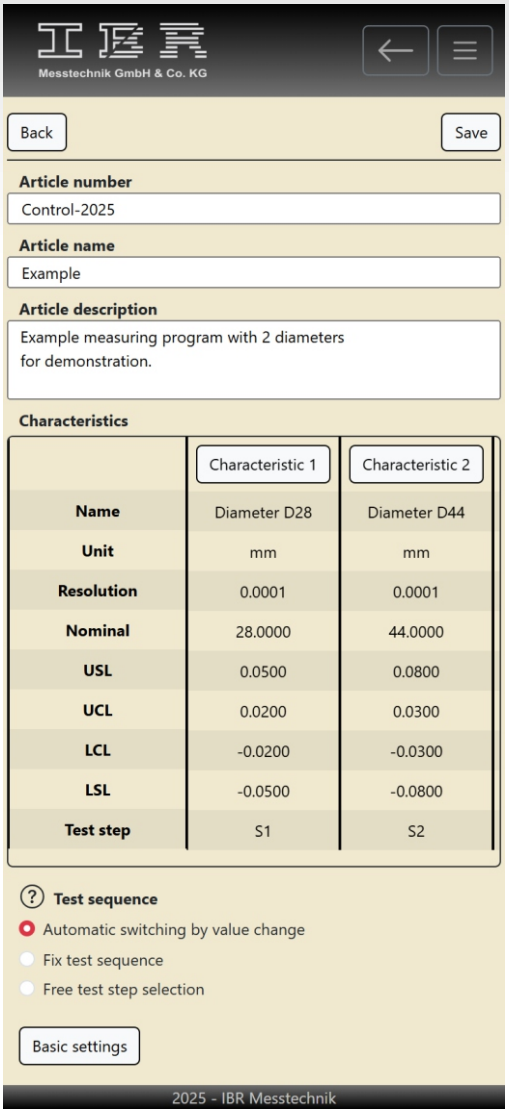
- **Installation of WebGage Light and the database on a central server.**
  In this way, the complete maintenance of the software and the complete data management is centralised on the server.
- **The measuring application can be opened via a browser at the measuring stations. The visualisation, calculation, ... of the measuring values takes directly place in the browser.**
- **Each internet-capable device with browser like e.g. a PC / notebook with Windows, macOS or Linux as well as a tablet / smartphone with Android or iOS can be used at a measuring station for WebGage Light.**
- **No software has to be installed at the measuring stations.**
- **Employees know website operation from the daily usage with e.g. smartphones ... .**

Supported IT infrastructure

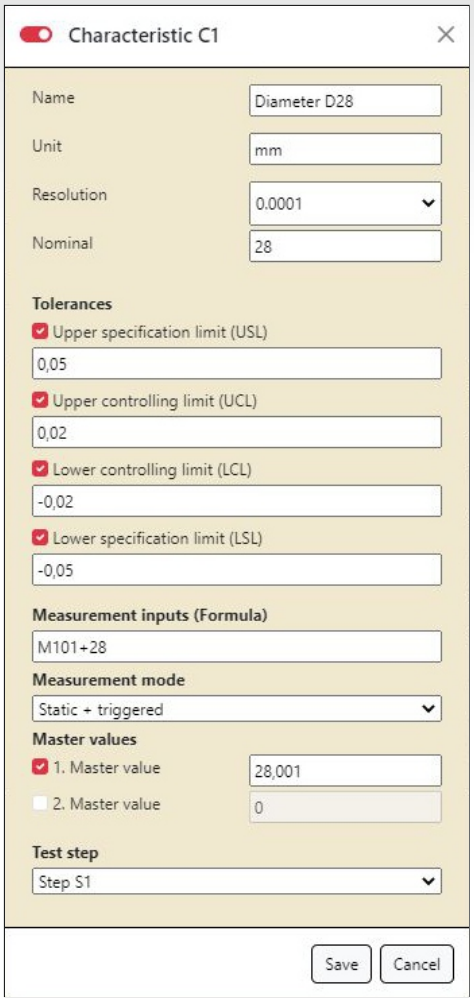
Supported servers
Intranet server of the company (Windows, Linux)
Webserver in the Internet with PHP / MySQL support
IBR WLAN modules (ISM-wla / IMB-wla) as server for 10 measuring stations with 20 GB database
Local installation of WebGage, database and browser on a Windows PC (standalone station)
Requirements for the measuring stations
Internet-capable device (PC, notebook, smartphone, tablet) with web browser
Connection of IMBus & ISM radio via LAN & WLAN and under Windows via USB

WebGage Light : Creating a measuring program

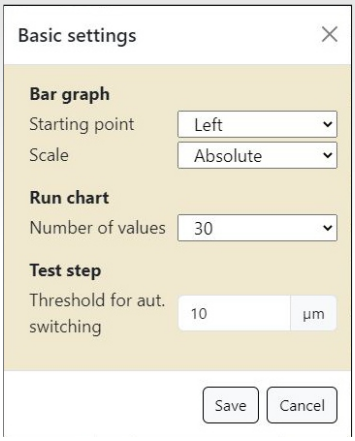
Step 1 :
Create measuring program



Step 2 :
Create characteristics



Step 3 :
Basic settings



WebGage Light : Figures for programming and measuring mode

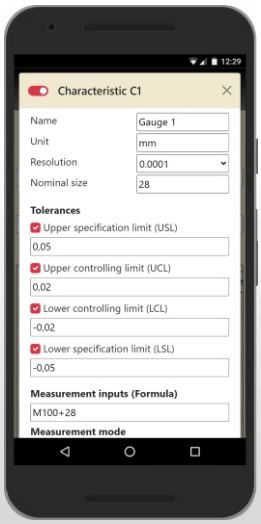


Figure 1 :
Programming of a characteristic

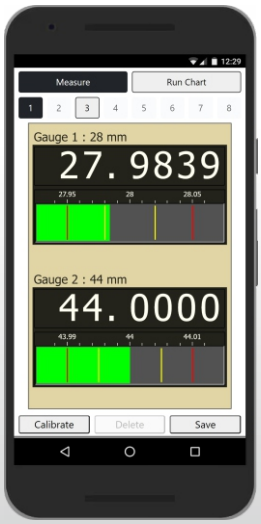


Figure 2 :
Simultanuous measurement of 2 characteristics

Figure 3 :
Measurement of a characteristic with SPC display

WebGage Light : Features

Compatibility

Supported hardware for measuring value collection	IMBus via WLAN, LAN, USB, RS232 / ISM via WLAN, USB
Supported servers	own server (Win / Linux), webserver, IMB-wla or ISM-wla
Requirements for the server	PHP and MySQL / MariaDB support
Supported stationary computers	PCs und notebooks with Windows, Linux, ...
Supported mobile devices	tablets, smartphones with Android, iOS, ...
Supported browsers	Chrome, Edge, Safari, Firefox, Opera, ...

Measuring data

Storage of the measuring data	in a MySQL database on a server, on IMB-wla or on ISM-wla
Export of measuring data	CSV, JSON, QDAS (DFQ), ComGage test order
Analysis of measuring data	Value table, run chart

Measuring programs

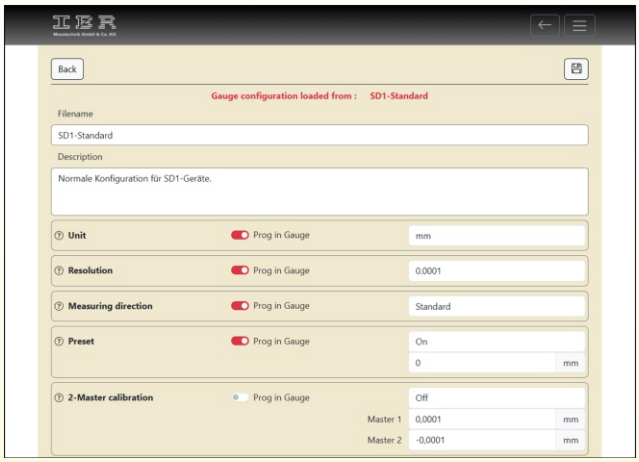
Number of characteristics	8
Nominal value / tolerances / controlling limits	Yes
Probe mixing	Formula editor (with trigonometric functions)
Dynamic measurement	Min, Max, TIR, mean value
Zero adjustment with one master	Yes
Gauge calibration with two masters	Yes
Number of measuring steps	8
Assignment of characteristics to the measuring steps	Yes
Number of characteristics per measuring step	Adjustable / 1...8
Changing between the measuring steps	Manual / automatic on measuring value change

Test version

Limitations of the test version	2 characteristics
Pre-installed on	IMB-wla, ISM-wla or www.WebGage.app

Extended function of WebGage Light

The WebGage Light software also allows the programming of gauges (like e.g. SD1) by ISM radio module via the browser.



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