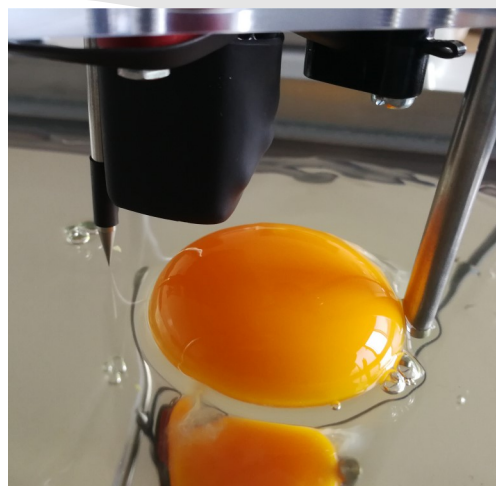
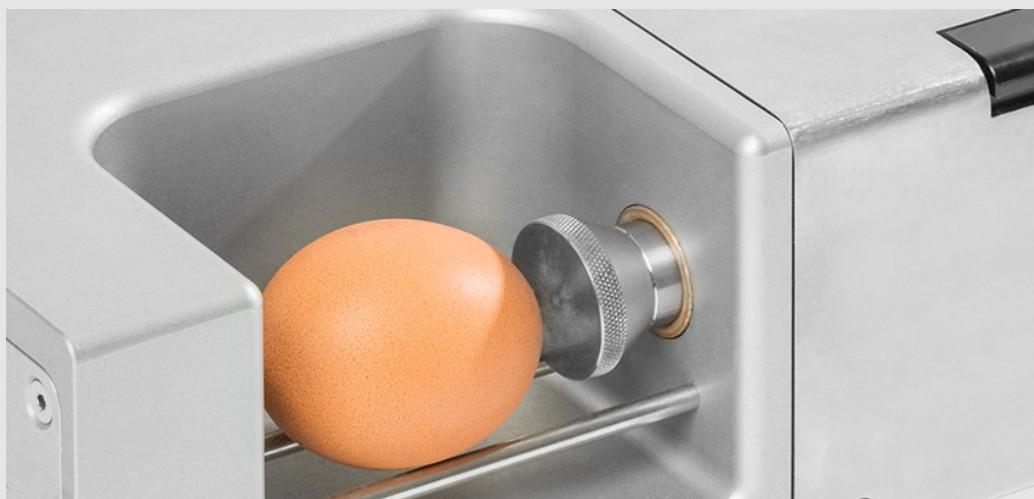




**BRÖRING**  
Technology GmbH



**Catalogue**  
**2022 - 2023**

Dear Ladies and Gentlemen,

We present you our catalogue.

For more than 25 years we have been supplying measurement technology for the poultry industry. Our devices are used worldwide on:

- Poultry farms
- Egg producers
- Egg processing plants
- Feed mills
- Universities
- State testing laboratories

During these years, we have continued to develop and optimise our products for and together with our customers.

We thank all our customers for their loyal partnership and the good cooperation and look forward to the years to come.

Your Dr.- Ing. Stefan Bröring and Team





### ***Our world revolves around eggs***

*Since 1994, the Bröring IT company has been  
in the egg industry worldwide.*

*We develop high-quality measuring instruments and software  
for the quality inspection of eggs.*

*From the very beginning, the quality of our products has been  
our most important concern .*

*On the next pages we present our measuring devices for the examination of chicken eggs,  
our poultry scales and accessories.*

#### ***Table of contents:***

<i>Poultry scale BIT PS 3.0 / Bluetooth</i>	<i>4</i>
<i>Poultry scale BIT PS 4.0 IoT / Bluetooth</i>	<i>6</i>
<i>Breaking strength / FEST device</i>	<i>7</i>
<i>Egg freshness / Haugh Units</i>	<i>9</i>
<i>Yolk color meter</i>	<i>10</i>
<i>Shell thickness</i>	<i>11</i>
<i>Complete packages</i>	<i>12</i>
<i>Replacement units and accessories for Bröring EggQuality 3.0</i>	<i>22</i>
<i>Accessories for poultry scales BIT PS 3.0 and 4.0 IoT</i>	<i>26</i>
<i>Software</i>	<i>28</i>

## Poultry scale

*Poultry Scale BRÖRING BIT PS 3.0 / Bluetooth - Innovative solution for manually weighing your animals*

Here we present our new product - poultry scale Bröring BIT PS 3.0, which we have developed in cooperation with users:

### **Portable, handy poultry scale**

- Storage capacity : 240,000 records
- For pullets, laying hens and fattening poultry
- Operation via touchscreen or smartphone / tablet
- Display of individual weight, average, uniformity, min./max. and count
- incl. USB charging adapter for 110/230 V and 12V (car socket), carrying case
- Weighing range for chickens max. 10 kg (max. 40 kg for turkey model)
- Resolution: 1g
- Battery life: up to 16 hours
- Languages: German, English, Russian
- Data processing: PC software via USB / Android app via Bluetooth



**Our main advantages are: Bluetooth connection to Android app and data export**

Our newly developed poultry scale greatly reduces your workload.

The handy design and user-friendly handling will inspire you. Large illuminated colour display with touch screen is very easy to read and handle.

In Life mode, the scale shows simple statistics on the display. In this mode, the measured values are not saved on the scale but continuously transmitted via Bluetooth and can be received and saved on an Android device with our free app.

In save-on-scale mode, the measured weights are saved in measurement series directly on the scale in the measurement series and the display shows statistical data on the current measurement series. When the measurement is completed all data can be easily, quickly and orderly transferred via Bluetooth to our app on your Android smartphone or tablet. Alternatively, the scale can be connected to a PC via USB cable, where the data can be processed with our free PC software. Both apps offer advanced statistics with charts and allow exporting the data for further processing.

It is no longer necessary to calculate statistics yourself or to transfer the data manually into Excel spreadsheets. The innovative Bröring BIT PS 3.0 app automatically shows statistics, histograms and growth curves of all your herds.

No matter how many farms you have and how many scales you use, our app can display all data such as quantity / min / max / average / uniformity over the entire lifetime of a herd in a clear and understandable way.

### **Scope of delivery:**

Poultry scale BIT PS 3.0

incl. carrying case, USB power supply unit

USB type B cable 150 cm,

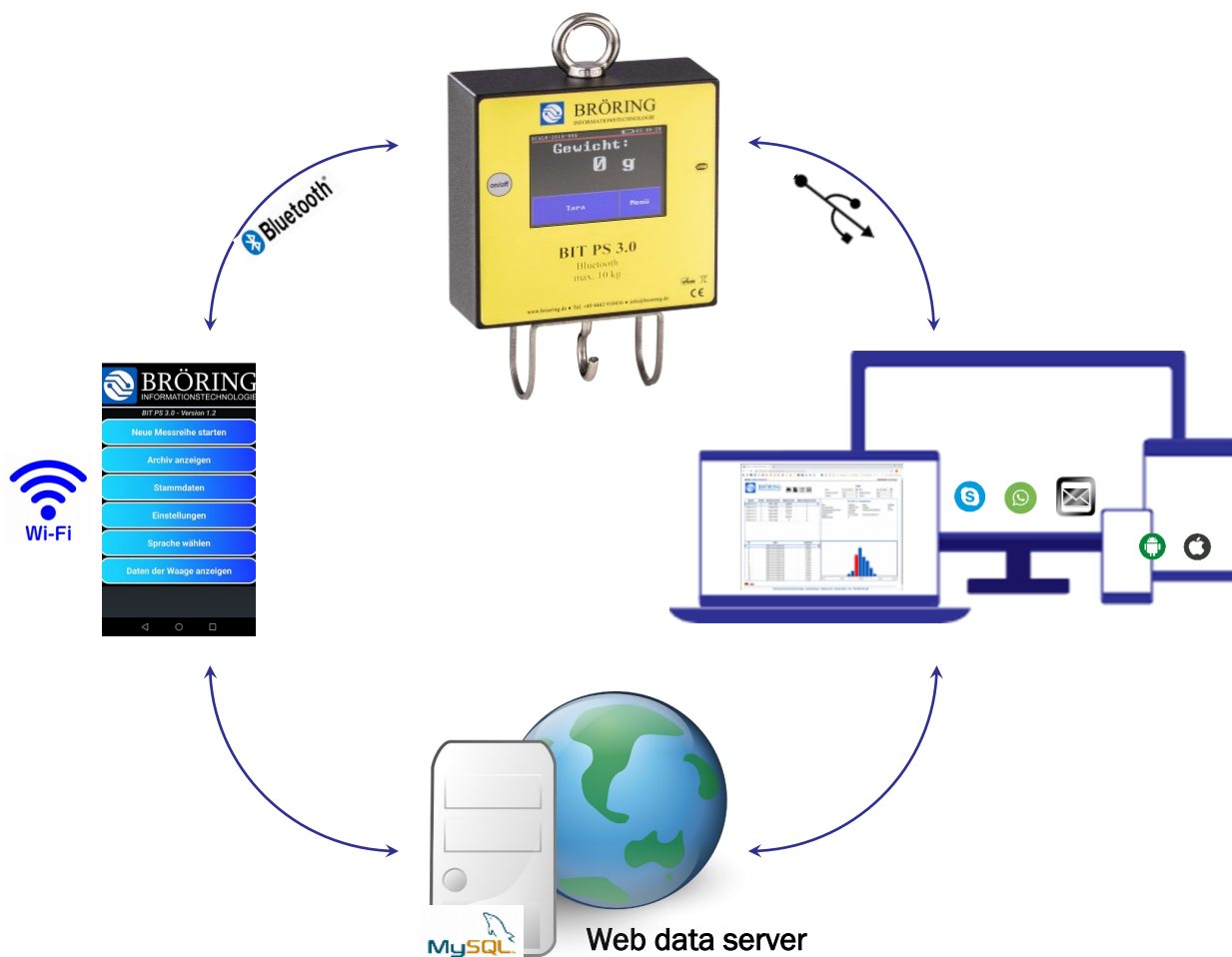
Car charger adapter, Android app, manual





## Poultry scale BIT PS 3.0 with Bluetooth and USB

The individual weights are stored on the scale and can then be transferred either to a PC via USB or via Bluetooth to an Android device. On the smartphone or PC, documents can be generated from the data in PDF format or as Excel files (CSV), which can then be sent by e-mail. In addition, the data can be transferred to an online database. Via a web server, the data can be displayed in any web browser, regardless of the end device or operating system. The data can optionally be stored on a database server provided by the customer so that all data remains "in house".



... in use with our customers



## NEW and UNIQUE

### Poultry scale BIT PS 4.0 with Bluetooth and USB

**NEW!!!** WiFi connection to database and website

**UNIQUE!!!** A website hosted on the scale

#### Highlights of Bröring BIT PS 4.0 IoT

- + Bluetooth connection to smartphone Android-App and Cloud
- + Database and Excel Export
- + Multi-weighing



#### Tragbare Geflügelwaage

- + für Junghennen, Legehennen und Mastgeflügel
- + Bedienung über Touchscreen oder Smartphone bzw. Tablet
- + Wägebereich max. 10 kg für Hühner
- + Wägebereich max. 40 kg für Puten
- + Anzeige von Einzelgewicht, Durchschnitt, Gleichmäßigkeit min/ max und Stückzahl
- + Kostenlose PC Software, (Android App und Webbrowser (iOS))

#### Unbegrenzte Verbindungsmöglichkeiten

- Datenübertragung über WiFi, USB und Bluetooth
- Einheitliche Darstellung auf Smartphone, Tablet und PC
- Jedes Endgerät mit Webbrowser (IOS, Android, PC)
- Kombination von Daten aus mehreren Waagen und Standorten
- Datenbank lokal oder global
- Datenexport nach Excel
- Datenübertragung per E-Mail, WhatsApp oder Skype



## Breaking strength

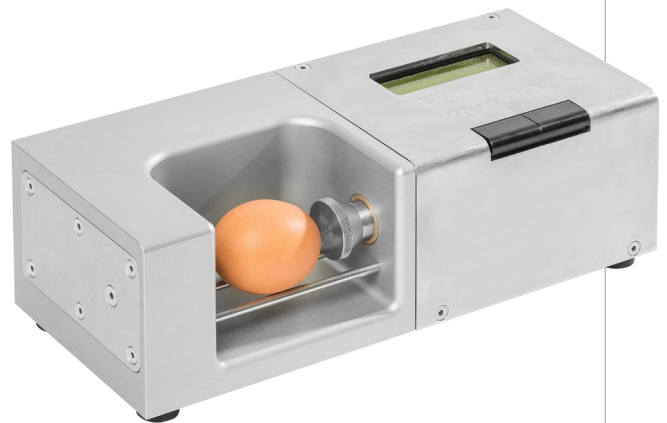
*Fast Egg Shell Tester to measure the egg shell breaking strength.*

***The stability of the eggshell is one of the most important parameters for egg quality.***

*With our breaking strength measuring device, the breaking strength of eggs can be determined easily and quickly. The FEST device has a very robust metal housing and can be operated quickly and easily with two buttons.*

*The breaking strength of the eggshell can be displayed either in Newton or gram.*

*A measurement only takes about 2-3 seconds and is very time-consuming. The display is illuminated and easy to read. The FEST device can optionally be connected to components such as a PC incl. software or a printer for data acquisition. For mobile use, e.g. for field staff of feed manufacturers, there is an optional battery module for wireless operation as well as a Bluetooth function with an app for data collection in an Android device such as a tablet or smartphone. The data can then be sent via WhatsApp or sent by e-mail.*





**Options for Bröring breaking strength measuring system FEST (Fast Egg Shell Tester)**

**Art.-No.: 1101** **Bröring EggQuality System 3.0 FEST**  
including :  
Power supply unit (Art.-No.: 2011)  
Calibration weight 1000 g (Art.-No.: 1518)  
Carrying case (Art.-No.:6022)

Dimensions (case, 350 x 150 x 290 mm (W\*H\*D)  
Weight: 8,8 kg (incl. accessories and case )



**Art.-No.: 1102** **Bröring EggQuality System 3.0 FEST with Bluetooth**  
including :  
Power supply unit (Art.-No.: 2011)  
Calibration weight 1000 g (Art.-No.: 1518)  
Carrying case (Art.-No.:6022)



**Art.-No.: 1103** **Bröring EggQuality System 3.0 FEST with battery and charger**  
including :  
Power supply unit (Art.-No.: 2011)  
Calibration weight 1000 g (Art.-No.: 1518)  
Carrying case (Art.-No.:6022)



**Art.-No.: 1104** **Bröring EggQuality System 3.0 FEST, Bluetooth, battery and charger**  
including :  
Power supply unit (Art.-No.: 2011)  
Calibration weight 1000 g (Art.-No.: 1518)  
Carrying case (Art.-No.:6022)





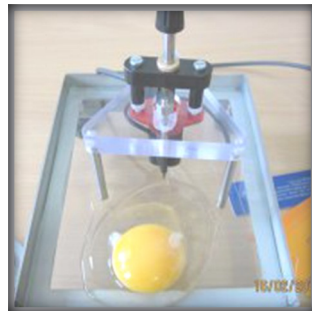
## Egg freshness / Haugh Units

Today, the Haugh unit is considered the gold standard for egg quality testing.

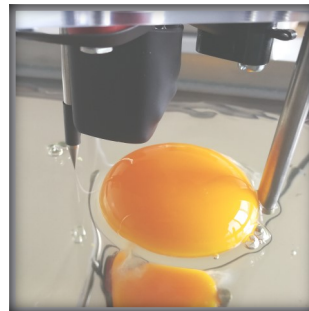
With our albumen height gauge, you can determine the egg freshness in just a few seconds.  
The process works as follows:



weighing



crack the egg



measure



reading

1. Weigh the egg
2. Crack the egg onto a level glass plate
3. Position the albumen height gauge over the egg white so that the measuring needle is above the egg white at a distance of approx. 1 cm from the edge of the yolk
4. Press down the needle
5. The value is automatically calculated and displayed in the software.

The calculation is done automatically in our software.

### Guide values for the quality of egg freshness:

- 100 - the highest and best quality
- 90 - excellent
- 80 - very good
- 75 - good
- 70 - acceptable
- 65 - borderline
- 60 - critical consumer level
- 55 - too low
- 50 - unacceptable
- 40 - poor
- 30 - very poor
- 20 - lowest / worst quality

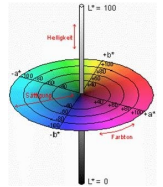
However, the internal quality of a fresh egg can be negatively affected by a disease (e.g. I.B.) in a flock. In the case of a fresh egg from a sick hen, this can be seen by a sudden sharp reduction in the height of the albumen.



## Yolk colour meter



Our measuring devices work with an RGB sensor whose filter curves correspond to the human eye (3-range method). From the red, green and blue components, we calculate the  $L^*a^*b^*$  values, from which the Roche value is then calculated. In our software, both the  $L^*a^*b^*$  values and the Roche values are stored.



The name "Roche" refers to the company Roche, which published the colour fan shown here on the right a few years ago. Later Roche was taken over by DSM Nutrition Products GmbH.



The colour of the egg yolk is traditionally indicated in "Roche values" from 1 to 15.

For our Egg Quality 3.0 system, we offer a colour sensor that is integrated into the worktable. This enables a quick and clean determination of the yolk colour.

For the measurement, the egg is broken on the worktable. If necessary, the albumen height is then measured. Then the yolk is positioned over the sensor and the measurement is triggered on the PC. The device has a USB port and can be connected directly to the PC.



## Shell thickness

The shell thickness is determined with a special measuring probe. A "normal" micrometer probe has two parallel measuring surfaces. These are unsuitable for determining the shell thickness because of a curvature of the eggshell.

We supply a special measuring probe with a rounded contact surface and offer a convenient holder to match the measuring probe. The measuring probe is optionally available with a data cable with which it can be connected directly to a PC.



### Bröring EggQuality 3.0 basic equipment (Haugh-Units)




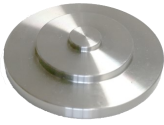





**Bröring EggQuality 3.0** - the cost-efficient introduction into the measurement of egg freshness (Haugh units)

This package contains all individual components necessary for the recording of Haugh units.




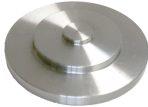






Prerequisite: PC with Windows operating system (Windows 7 - 10) and USB interface.

**Art.-No.: 4001**

Bröring EggQuality 3.0 basic equipment (Haugh-Units) of the following individual components:

	<p><b>Art.-No.: 1002</b> Mini data collector</p>
	<p><b>Art.-No.: 1201</b> Albumen height gauge</p>
	<p><b>Art.-No.: 1501</b> Laboratory balance Kern 440-43N Weighing range 400 g max.</p>
	<p><b>Art.-No.: 2001</b> Calibration plate for albumen height gauge Material: Stainless steel</p>
	<p><b>Art.-No.: 2005</b> Bröring work table type I (normal size) Dimensions: 300 x 190 x 120 mm, (L*W*H) Version: brushed stainless steel walls, glass top</p>
	<p><b>Art.-No.: 2050</b> Set with collecting tray, plastic spatula, colour fan, egg cup in stainless steel, Licefa work bowl A4-3, base 210 x 150 mm, 40 mm deep, top edge 260 x 200 mm, plastic spatula with 12 cm scraping edge</p>
	<p><b>Art.-No.: 2101</b> Connecting cable from laboratory balance to the mini data collector (DB9 - M8)</p>
	<p><b>Art.-No.: 5001</b> Software suitable for Windows-Systeme 7 - 10</p>
	<p><b>Art.-No.: 6023</b> Transport case with foam inlay for BIT CR</p>



<b>Art.-No.: 4002</b> Bröring EggQuality 3.0 basic equipment (Haugh-Units) Art. No.: 4001 incl. Shell thickness and egg shape index consists of the following individual components:	
<b>Art.-No.: 1505</b> BIT micrometre with modified surfaces for shell thickness	<b>Art.-No.: 1506</b> Bröring calliper for egg shape index 150 mm incl. RS232 adapter
	<b>Art.-No.: 1002</b> Mini data collector
	<b>Art.-No.: 1201</b> Albumen height gauge
	<b>Art.-No.: 1501</b> Laboratory balance Kern 440-43N Weighing range 400 g max.
	<b>Art.-No.: 2001</b> Calibration plate for albumen height gauge Material: Stainless steel
	<b>Art.-No.: 2005</b> Bröring work table type I (normal size) Dimensions: 300 x 190 x 120 mm, (L*W*H) Version: brushed stainless steel walls, glass top
	<b>Art.-No.: 2050</b> Set with collecting tray, plastic spatula, colour fan, egg cup in stainless steel, Licefa work bowl A4-3, base 210 x 150 mm, 40 mm deep, top edge 260 x 200 mm, plastic spatula with 12 cm scraping edge
	<b>Art.-No.: 2101</b> Connecting cable from laboratory balance to the mini data collector (DB9 – M8)
	<b>Art.-No.: 2105</b> USB-hub 4 Port USB hub, model depending on availability
	<b>Art.-No.: 5001</b> Software suitable for Windows-Systeme 7 – 10
	<b>Art.-No.: 6023</b> Transport case with foam inlay for BIT CR

**Art.-No.: 4003**

Bröring EggQuality 3.0 Yolk Colour Measuring System of the following individual components: :

**Art.-No.: 1112**

Yolk colour measuring system

The yolk colour meter also serves as a work table and replaces the work table

Art.-No.: 2005

**Art.-No.: 5003**

Bröring EggQuality PC-Software (CR), Licence for colourimeter

**Art.-No.: 6023**

Transport case with foam inlay for BIT CR

### COMBINED PACKAGES FOR EGGQUALITY 3.0

Bröring EggQuality System 3.0 (Haugh-Units) basic equipment Art.-No.: 4001 can be combined with the Fast Egg Shell Tester (FEST device, Art.-No.: 1101) or other measuring devices

#### Art.-No.: 4004

Combi package with Bröring EggQuality 3.0 basic equipment Art.-No 4001 (Haugh-Units), FEST device, incl. Software licence



#### Art.-No.: 4001

Bröring EggQuality 3.0 basic equipment (Haugh-Units)



#### Art.-No.: 1101

Fast-Egg-Shell-Tester

including:

- Power supply unit (Art.-No.: 2011)
- Calibration weight 1000 g (Art.-No.: 1518)
- Carrying case (Art.-No.: 6022)



#### Art.-No.: 5002

Bröring EggQuality PC-Software (FEST), Licence for FEST device

**Art.-No.: 4005**

Combi package with Bröring EggQuality 3.0 basic equipment Art.-No.: 4001 (Haugh-Units), Yolk colour meter, incl. Software licence:



**Art.-No.: 4001**

Bröring EggQuality 3.0 basic equipment (Haugh-Units)



**Art.-No.: 1112**

BIT CR 3.0 Yolk colour meter

The yolk colour meter also serves as a work table and replaces the work table Art.-No.: 2005

**Art.-No.: 5003**

Bröring EggQuality PC-Software (FEST), Licence for colourimeter



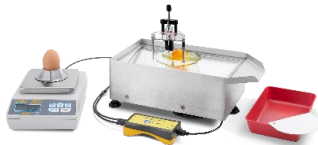
**Art.-No.: 6023**

Transport case with foam inlay for BIT CR



**Art.-No.: 4006**

Combi package with Bröring EggQuality 3.0 basic equipment Art.-No.: 4001 (Haugh-Units), FEST-device, Yolk colour meter, incl. Software licence:



**Art.-No.: 4001**

Bröring EggQuality 3.0 basic equipment (Haugh-Units)



**Art.-No.: 1101**

Fast-Egg-Shell-Tester

including:

- Power supply unit (Art.-No.: 2011)
- Calibration weight 1000 g (Art.-No.: 1518)
- Carrying case (Art.-No.:6022)



**Art.-No.: 1112**

BIT CR 3.0 Yolk colour meter

The yolk colour meter also serves as a work table and replaces the work table Art.-No.: 2005



**Art.-No.: 2105**

USB—hub

4 Port USB hub, model depending on availability

**Art.-No.: 5002**

Bröring EggQuality PC-Software (FEST), Licence for FEST device

**Art.-No.: 5003**

Bröring EggQuality PC-Software (CR), Licence for colourimeter



**Art.-No.: 6023**

Carrying case with foam insert for BIT CR

### Art.-No.: 4007

Combi package with Bröring EggQuality 3.0 basic equipment Art.-No.: 4001 (Haugh-Units), FEST-device, micrometre, calliper, incl. Software licence:



### Art.-No.: 4001

Bröring EggQuality 3.0 basic equipment (Haugh-Units)



### Art.-No.: 1101

Fast-Egg-Shell-Tester  
including:

- Power supply unit (Art.-No.: 2011)
- Calibration weight 1000 g (Art.-No.: 1518)
- Carrying case (Art.-No.: 6022)



### Art.-No.: 1505

BIT micrometre with modified surfaces for shell thickness



### Art.-No.: 1506

BIT Bröring calliper for egg shape index 150 mm



### Art.-No.: 2105

USB-hub

4 Port USB hub, model depending on availability








### Art.-No.: 5002



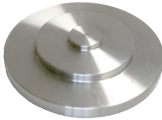




Bröring EggQuality PC-Software (FEST), Licence for FEST device



### Art.-No.: 6023

Carrying case with foam insert for BIT CR

<b>Art.-No.: 4008</b> Combi package with Bröring EggQuality 3.0 basic equipment Art.-No.: 4001 (Haugh-Units), FEST-device, Yolk colour meter, micrometre, calliper, incl. Software licence:	
	<b>Art.-No.: 4001</b> Bröring EggQuality 3.0 basic equipment (Haugh-Units)
	<b>Art.-No.: 1101</b> Fast-Egg-Shell-Tester including: <ul style="list-style-type: none"> <li>• Power supply unit (Art.-No.: 2011)</li> <li>• Calibration weight 1000 g (Art.-No.: 1518)</li> <li>• Carrying case (Art.-No.:6022)</li> </ul> 
	<b>Art.-No.: 1112</b> BIT CR 3.0 Yolk colour meter The yolk colour meter also serves as a work table and replaces the work table Art.-No.: 2005
	<b>Art.-No.: 1505</b> BIT micrometre with modified surfaces for shell thickness
	<b>Art.-No.: 1506</b> BIT Bröring calliper for egg shape index 150 mm
	<b>Art.-No.: 2105</b> USB-hub 4 Port USB hub, model depending on availability
	<b>Art.-No.: 5002</b> Bröring EggQuality PC-Software (FEST), Licence for FEST device
	<b>Art.-No.: 5003</b> Bröring EggQuality PC-Software (CR), Licence for colourimeter
	<b>Art.-No.: 6023</b> Transport case with foam inlay for BIT CR

<b>Art.-No.: 4010</b> Combi package with Bröring EggQuality 3.0 basic equipment BLUETOOTH, with EggQuality 3.0 Mobile from Google PlayStore / free Download of the following individual components:	
	<b>Art.-No.: 1202</b> Albumen height gauge Version: Bluetooth
	<b>Art.-No.: 1508</b> Laboratory balance Kern 440-43N, 400 g max. Version: Bluetooth
	<b>Art.-No.: 2001</b> Calibration plate for albumen height gauge Material: Stainless steel
	<b>Art.-No.: 2005</b> Bröring work table type I (normal size) Dimensions: 300 x 190 x 120 mm, (L*W*H) Version: brushed stainless steel walls, glass top
	<b>Art.-No.: 2050</b> Set with collecting tray, plastic spatula, colour fan, egg cup in stainless steel, Licefa work bowl A4-3, base 210 x 150 mm, 40 mm deep, top edge 260 x 200 mm, plastic spatula with 12 cm scraping edge
	<b>Art.-No.: 3008</b> Holding frame for tablet Construction: Aluminium
	Tablet Samsung 7" oder 8" Model depending on availability
	<b>Art.-No.: 6024</b> Transport case with foam inlay for Albumen height gauge, Bluetooth



**Art.-No.: 4101**

Combi package with Bröring EggQuality 3.0 basic equipment (Haugh-Units) BLUETOOTH with EggQuality 3.0 Mobile from Google PlayStore / free Download, of the following individual components:

	<p><b>Art.-No.: 1104</b> Fast-Egg-Shell-Tester Bluetooth, With Battery and charger</p>
	<p><b>Art.-No.: 1202</b> Albumen height gauge Version: Bluetooth</p>
	<p><b>Art.-No.: 1508</b> Laboratory balance Kern 440-43N, 400 g max. Version: Bluetooth</p>
	<p><b>Art.-No.: 2001</b> Calibration plate for albumen height gauge Material: Stainless steel</p>
	<p><b>Art.-No.: 2005</b> Bröring work table type I (normal size) Dimensions: 300 x 190 x 120 mm, (L*W*H) Version: brushed stainless steel walls, glass top</p>
	<p><b>Art.-No.: 2050</b> Set with collecting tray, plastic spatula, colour fan, egg cup in stainless steel, Licefa work bowl A4-3, base 210 x 150 mm, 40 mm deep, top edge 260 x 200 mm, plastic spatula with 12 cm scraping edge</p>
	<p><b>Art.-No.: 3008</b> Holding frame for tablet Construction: Aluminium</p>
	<p>Tablet Samsung 7" oder 8" Model depending on availability</p>
	<p><b>Art.-No.: 6022</b> Transport case with foam inlay for FEST- device</p>
	<p><b>Art.-No.: 6024</b> Transport case with foam inlay for Albumen height gauge, Bluetooth</p>

## REPLACEMENT UNITS AND ACCESSORIES FOR EGGQUALITY 3.0



**Art.-No.: 1002**

Mini data collector for Bröring EggQuality 3.0 System



**Art.-No.: 1112**

Bröring EggQuality 3.0 Yolk colour measuring system  
built in work table Stand-Alone-



**Art.-No.: 1201**

Albumen height gauge  
for Bröring EggQuality 3.0 System



**Art.-No.: 1202**

Albumen height gauge Bluetooth  
for Bröring EggQuality 3.0 Mobile



**Art.-No.: 1501**

Laboratory balance Kern 440-43N  
Weighing range 400 g max.  
Version: Bluetooth



**Art.-No.: 1502**

Laboratory balance Kern 440-47N  
Weighing range 2000 g max.



**Art.-No.: 1503**

Laboratory balance Kern EWJ 600 (calibratable)  
Note: Calibration only against surcharge



**Art.-No.: 1504**

Citizen receipt printer incl. connection cable



**Art.-No.: 1505**




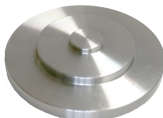



BIT micrometre with modified surfaces for shell thickness













**Art.-No.: 1506**

BIT Bröring calliper for egg shape index 150 mm

## REPLACEMENT UNITS AND ACCESSORIES FOR EGGQUALITY 3.0

	<p><b>Art.-No.: 5008</b> Laboratory balance Kern 443-43N BT Weighing range 400 g max., Bluetooth</p>
	<p><b>Art.-No.: 1517</b> Calibration weight 500 g for FEST-device 500 g</p>
	<p><b>Art.-No.: 1518</b> Calibration weight 1000 g (individually as a spare part)</p>
	<p><b>Art.-No.: 2001</b> Calibration plate for albumen height gauge Material: stainless steel (included in all Haugh-Unit packages)</p>
	<p><b>Art.-No.: 2005</b> Bröring work table, type I, normal size, Dimensions: L*W*H 300x190x120 mm Construction: Brushed stainless steel walls, glass top</p>
	<p><b>Art.-No.: 2006</b> Bröring work table, type II (small size) Dimensions: 235 x 160 x 60 mm (L*W*H)</p>
	<p><b>Art.-No.: 2008</b> Plug-in power supply for Bröring data collector and for Bröring yolk colour meter</p>
	<p><b>Art.-No.: 2011</b> Power supply 12V, 1A DC, input voltage 100V - 250V AC (individually as a spare part) Attention: A special power supply unit may be required for your country, which can be purchased from your local specialist dealer.</p>
	<p><b>Art.-No.: 2050</b> Set with collecting tray, plastic spatula, colour fan, egg cup in stainless steel, Licefa work bowl A4-3, base 210 x 150 mm, 40 mm deep, top edge 260 x 200 mm, plastic spatula with 12 cm scraping edge</p>
	<p><b>Art.-No.: 2101</b> Connecting cable from laboratory balance to the mini data collector (DB9 - M8)</p>

ZUBEHÖR UND ERSATZGERÄTE FÜR BRÖRING EGGQUALITY 3.0	
	<b>Art.-No.: 2102</b> Adapter cable from old egg white altimeter to new data collector (DIN to A8)
	<b>Art.-No.: 2104</b> USB - Adapter 2.0 to Serial RS232
	<b>Art.-No.: 2105</b> USB - Hub 4 Port USB - Hub, depending on availability
	<b>Art.-No.: 3001</b> Licafa work tray A4-3, base 210 x 150 mm 40 mm deep, top edge 260 x 200 mm
	<b>Art.-No.: 3002</b> Licafa work tray A4-1, base 175 x 100 mm 34 mm deep, top edge 205 x 125 mm
	<b>Art.-No.: 3003</b> Plastic spatula, Dough scraper 12 cm
	<b>Art.-No.: 3004</b> Ribbon for receipt printer, Citizen
	<b>Art.-No.: 3005</b> Printer paper for Citizen receipt printer 57 x 50 x 12, Ø 63 mm (5 rolls/pck.)
	<b>Art.-No.: 3006</b> Polystyrene egg cups
	<b>Art.-No.: 3007</b> Stainless steel egg cups



## ZUBEHÖR UND ERSATZGERÄTE FÜR BRÖRING EGGQUALITY 3.0



**Art.-No.: 3008**

Holder for tablet, 43 x 26 x 21 cm (H\*W\*D)  
up to 21 cm reach  
(without tablet)



**Art.-No.: 3009**

Yolk Color Ring in stainless steel  
4 x 5 x 5 cm, 260 g



**Art.-No.: 3010**

Plastic air chamber measuring card



**Art.-No.: 3011**

Bröring positioning support



**Art.-No.: 3012**

Bröring BIT EL 3.0 Egg Lifter

## ZUBEHÖRARTIKEL FÜR GEFLÜGELWAAGEN



**Art.-No.: 6050**  
MO Wing clamp  
Material: Stainless steel



**Art.-No.: 6051**  
Advanced Hook  
Material: Stainless steel



**Art.-No.: 6052**  
Wing clamp VB, blue  
Material: steel, varnish



**Art.-No.: 6053**  
Kern Calibration hook weight, 1 kg  
Material: Stainless steel, finely turned



**Art.-No.: 6054**  
USB power supply, incl. USB type B cable, 150 cm



**Art.-No.: 6055**  
Car charger adapter, incl. USB type B cable, 150 cm

## ZUBEHÖRARTIKEL FÜR GEFLÜGELWAAGEN



**Art.-No.: 6056**

*Stainless steel tare tray for day-old chicks*

*Maximal load capacity: 30 kg,*

*Dimension: 290 x 240 x 340 mm*

*Material: Stainless steel*



**Art.-No.: 6057**

*Turkey weighing hook BIT 1*

*Use for turkeys*

*Material: stainless steel*



**Art.-No.: 6058**

*Turkey weighing hook BIT 2*

*Use for turkeys*

*Material: stainless steel*



**Art.-No.: 6059**

*Turkey weighing hook BIT 3*

*Use for turkeys*

*Material: stainless steel*



**Art.-No.: 6060**

*Weighing hopper*

*Material: steel, galvanised*



**Art.-No.: 6063**

*Hanging plate with telescopic rod*

*Base plate 40 x 40 cm*

*Material: stainless steel and plastic*

## SOFTWARE

Our systems consist of various hardware components (measuring devices and accessories) and the required PC software. That is why you will find the price for the hardware and a price for the software license that you need to operate this device on a PC in the price list.

If you combine several devices with each other, you need the corresponding license for each device.

We also offer devices that can be operated without a PC, e.g. the breaking strength measuring device. If you then want to operate this device with our PC software, you need the associated software or software license for this device. This means that the device can either be operated alone on a PC or, for example, in connection with the package 4001 "Bröring EggQuality 3.0 basic equipment (Haugh units)".

### Art.-No.: 5001

Bröring EggQuality PC-Software (HU), Licence for Haugh Unit

### Art.-No.: 5002

Bröring EggQuality PC-Software (FEST), Licence for FEST device

### Art.-No.: 5003

Bröring EggQuality PC-Software (CR), Licence for colourimeter

### Art.-No.: 5010

Update Bröring EggQuality 3.0 PC software for FEST device / Update to the latest EggQuality 3.0 version

## WEIGHT AND QUALITY TESTING OF EGGS

### Art.-No.: 7001

Bröring BIT QP 3.0 software, incl. calibrated laboratory balance from Kern inclusive.

Weight and quality check of eggs according to KAT guidelines version/No. 2020.01 with a calibrated laboratory balance and with data export to Excel or as a PDF document.

FB

57

Qualitätsmanagement-Handbuch

Qualitätsprüfung der sortierten Eier

Stand: Juli 2020

Mindestens 100 sortierte Eier aus der laufenden Produktion:

Marke: Test

Gewichtsklasse: L

Prüfnummer: 2-05-405001

Zeitpunkt der Prüfung: 14.08.2020

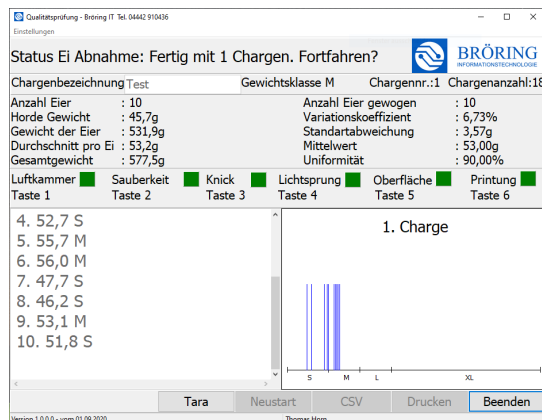
Mitarbeiter: Test123

Ergebnis oberhalb der Toleranz: Meldung an Betriebsleitung

Nein

Prüfkriterien									
Gewichtskontrolle		Qualität der Eier						Printung	
Gewichtstoleranz kleiner 10%		Toleranz bei Qualitätsmängeln: kleiner 5%						Toleranz: kleiner 20%	
minimale Toleranz	163	172	172	171	172	172	174		
maximale Toleranz	17	8	8	9	8	8	6		
Freigabe	Ja	Ja	Ja	Ja	Ja	Ja	Ja		

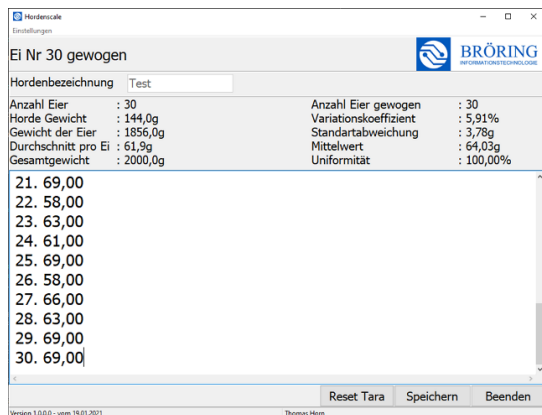
Probe	M	L	XL	Luftkammer	Sauberkeit	Knick	Lichtsprung	Oberfläche	Printung
1.	63,0	0	0	1	0	0	0	0	0
2.	69,0	0	0	0	0	0	0	0	0



### Art.-No.: 7002

Bröring BIT QW 3.0 software, incl. calibrated laboratory balance from Kern

The programme BIT QW 3.0 offers a fast weight measurement of eggs in different tray sizes. A Kern laboratory balance is used. Data export to Excel is possible via CSV.



*Distrubutor*

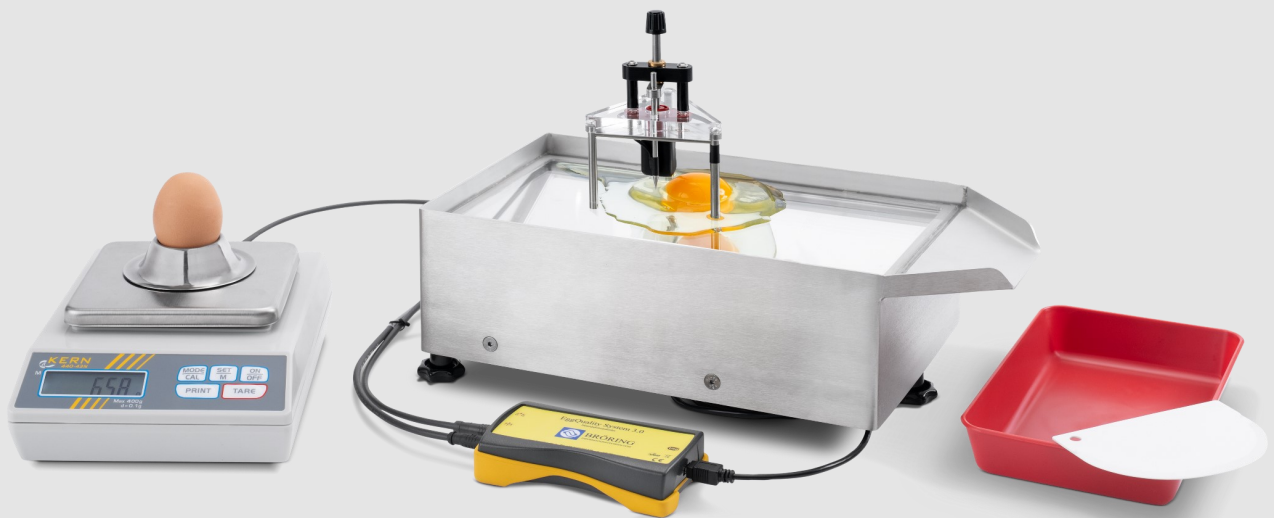


*For your notes ...*

*For your notes....*



**BRÖRING**  
Technology GmbH



*Dr.- Ing. Stefan Bröring*

*Gewerbering 4*

*D-49393 Lohne*

*Tel.: +49 4442 910 436*

*info@broeringtech.com*

*www.broeringtech.com*