

Maximizing the lifetime of your testing machine

tips for a longer machine life and dealing with new testing applications

ZwickRoell After Sales



Wolfgang Richardt
Product Manager After Sales

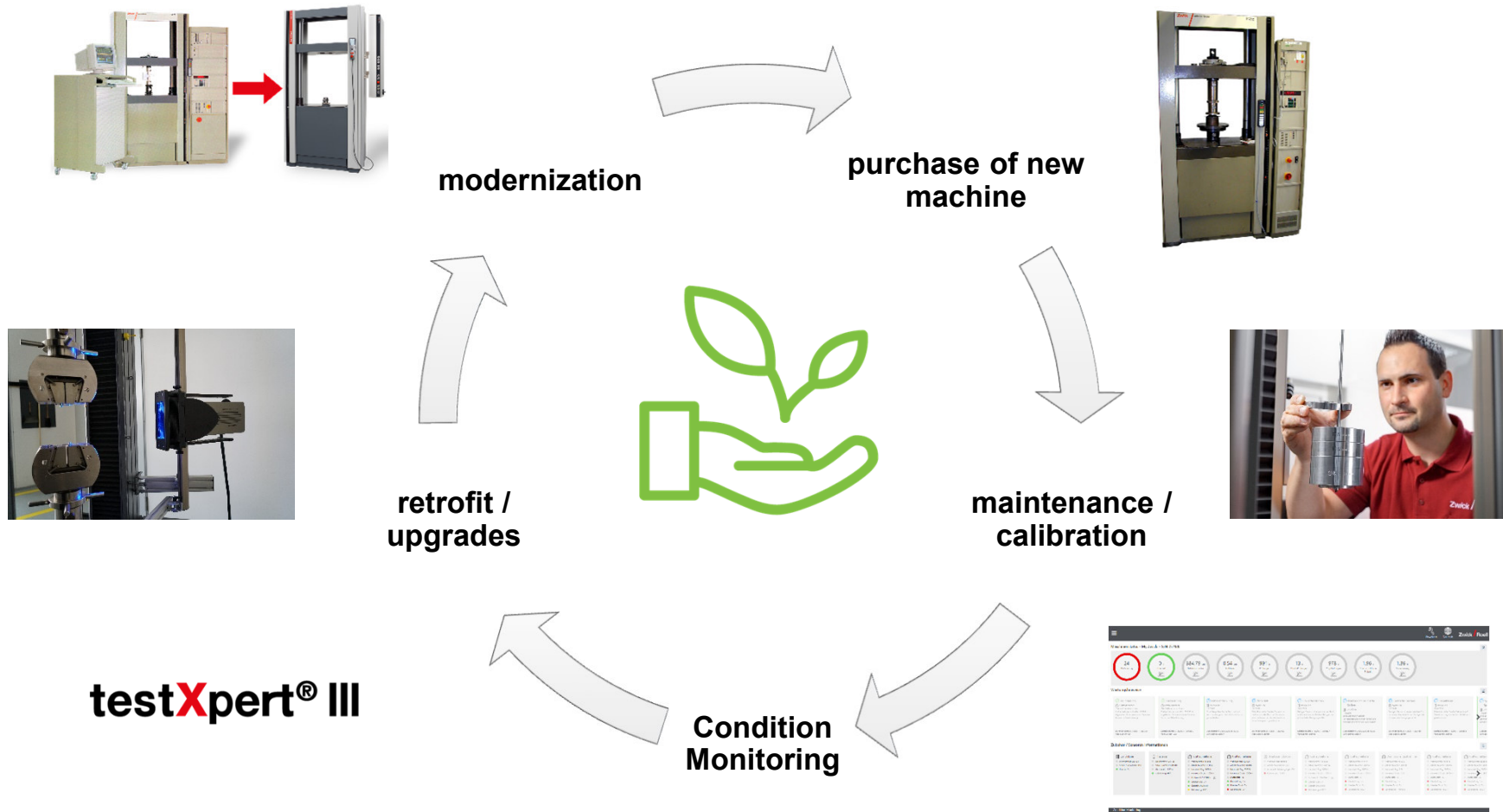


Jürgen Seiffert
Product Manager After Sales

**Maximizing the lifetime of your testing machine
– tips for a longer machine life and dealing with
new testing applications**

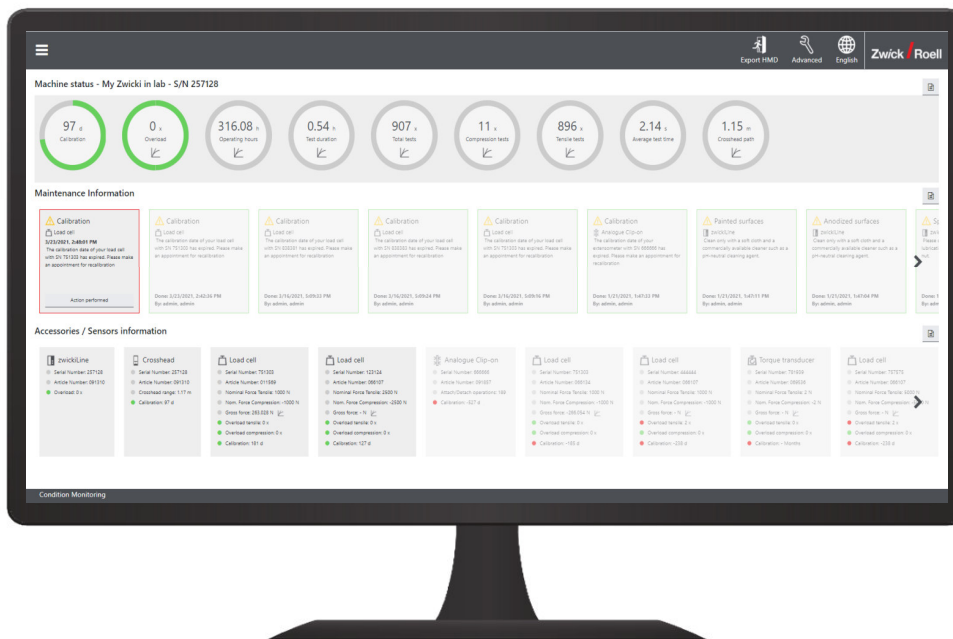
Life cycle of a machine

There are opportunities at every stage of a machine's life cycle to extend its life and contribute to sustainability.



Condition Monitoring Features

Condition Monitoring displays the current condition of the testing machine, sensors and accessories. The integrated electronic maintenance guide makes maintenance plannable and traceable.



- Easy access via web browser
- Maximum transparency
 - For the machine
 - For necessary maintenance
 - For sensors and accessories
- Electronic maintenance guide
 - Configurable
 - Traceable
 - Predictive
 - Exportable
- E-mail alert system / proactive information on critical machine conditions
- Long-term trend analyses of machine and sensor conditions

... Reliable test results based on perfect machine condition.

Live Demonstration

Live demo, this shows the current status of machine status and condition monitoring

☰
Export HMD Advanced English

Machine status - My Zwicks in lab - S/N 257128

97 d
Calibration

0 x
Overload

316.08 h
Operating hours

0.54 h
Test duration

907 x
Total tests

11 x
Compression tests

896 x
Tensile tests

2.14 s
Average test time

1.15 m
Croshead path

Maintenance Information

<div style="border: 1px solid #ccc; padding: 5px;"> ⚠ Calibration <small>Load cell</small> 3/23/2021, 2:48:01 PM The calibration date of your load cell with SN 751303 has expired. Please make an appointment for recalibration. <hr style="border: 1px solid #ccc;"/> Action performed </div>	<div style="border: 1px solid #ccc; padding: 5px;"> ⚠ Calibration <small>Load cell</small> The calibration date of your load cell with SN 751303 has expired. Please make an appointment for recalibration. <hr style="border: 1px solid #ccc;"/> Done: 3/23/2021, 2:42:36 PM By: admin, admin </div>	<div style="border: 1px solid #ccc; padding: 5px;"> ⚠ Calibration <small>Load cell</small> The calibration date of your load cell with SN 838381 has expired. Please make an appointment for recalibration. <hr style="border: 1px solid #ccc;"/> Done: 3/16/2021, 5:09:33 PM By: admin, admin </div>	<div style="border: 1px solid #ccc; padding: 5px;"> ⚠ Calibration <small>Load cell</small> The calibration date of your load cell with SN 838383 has expired. Please make an appointment for recalibration. <hr style="border: 1px solid #ccc;"/> Done: 3/16/2021, 5:09:24 PM By: admin, admin </div>	<div style="border: 1px solid #ccc; padding: 5px;"> ⚠ Calibration <small>Load cell</small> The calibration date of your load cell with SN 751303 has expired. Please make an appointment for recalibration. <hr style="border: 1px solid #ccc;"/> Done: 3/16/2021, 5:09:16 PM By: admin, admin </div>	<div style="border: 1px solid #ccc; padding: 5px;"> ⚠ Calibration <small>Analogue Clip-on</small> The calibration date of your extensometer with SN 656556 has expired. Please make an appointment for recalibration. <hr style="border: 1px solid #ccc;"/> Done: 1/21/2021, 1:47:33 PM By: admin, admin </div>	<div style="border: 1px solid #ccc; padding: 5px;"> ⚠ Painted surfaces <small>ZwickLine</small> Clean only with a soft cloth and a commercially available cleaner such as a pH-neutral cleaning agent. <hr style="border: 1px solid #ccc;"/> Done: 1/21/2021, 1:47:11 PM By: admin, admin </div>	<div style="border: 1px solid #ccc; padding: 5px;"> ⚠ Anodized surfaces <small>ZwickLine</small> Clean only with a soft cloth and a commercially available cleaner such as a pH-neutral cleaning agent. <hr style="border: 1px solid #ccc;"/> Done: 1/21/2021, 1:47:04 PM By: admin, admin </div>	<div style="border: 1px solid #ccc; padding: 5px;"> ⚠ Sp... <small>Zwick...</small> Please c... lubricati... nut. <hr style="border: 1px solid #ccc;"/> Done: 1... By: adr... </div>
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Accessories / Sensors information

<div style="border: 1px solid #ccc; padding: 5px;"> 📄 ZwickLine Serial Number: 257128 Article Number: 091310 Overload: 0 x </div>	<div style="border: 1px solid #ccc; padding: 5px;"> 📄 Croshead Serial Number: 257128 Article Number: 091310 Croshead range: 1.17 m Calibration: 97 d </div>	<div style="border: 1px solid #ccc; padding: 5px;"> 📄 Load cell Serial Number: 751303 Article Number: 011559 Nominal Force Tensile: 1000 N Nom. Force Compression: -1000 N Gross force: 263.028 N Overload tensile: 0 x Overload compression: 0 x Calibration: 181 d </div>	<div style="border: 1px solid #ccc; padding: 5px;"> 📄 Load cell Serial Number: 123124 Article Number: 06107 Nominal Force Tensile: 2500 N Nom. Force Compression: -2500 N Gross force: - N Overload tensile: 0 x Overload compression: 0 x Calibration: 127 d </div>	<div style="border: 1px solid #ccc; padding: 5px;"> 📄 Analogue Clip-on Serial Number: 656556 Article Number: 001857 Attach/Detach operations: 189 Calibration: -527 d </div>	<div style="border: 1px solid #ccc; padding: 5px;"> 📄 Load cell Serial Number: 751303 Article Number: 06134 Nominal Force Tensile: 1000 N Nom. Force Compression: -1000 N Gross force: -266.054 N Overload tensile: 0 x Overload compression: 0 x Calibration: -185 d </div>	<div style="border: 1px solid #ccc; padding: 5px;"> 📄 Load cell Serial Number: 444444 Article Number: 06107 Nominal Force Tensile: 1000 N Nom. Force Compression: -1000 N Gross force: - N Overload tensile: 2 x Overload compression: 0 x Calibration: -238 d </div>	<div style="border: 1px solid #ccc; padding: 5px;"> 📄 Torque transducer Serial Number: 781939 Article Number: 059536 Nominal Force Tensile: 2 N Nom. Force Compression: -2 N Gross force: - N Overload tensile: 0 x Overload compression: 0 x Calibration: - Months </div>	<div style="border: 1px solid #ccc; padding: 5px;"> 📄 Load cell Serial Number: 757575 Article Number: 06107 Nominal Force Tensile: 5000 N Nom. Force Compression: -5000 N Gross force: - N Overload tensile: 2 x Overload compression: 0 x Calibration: -238 d </div>
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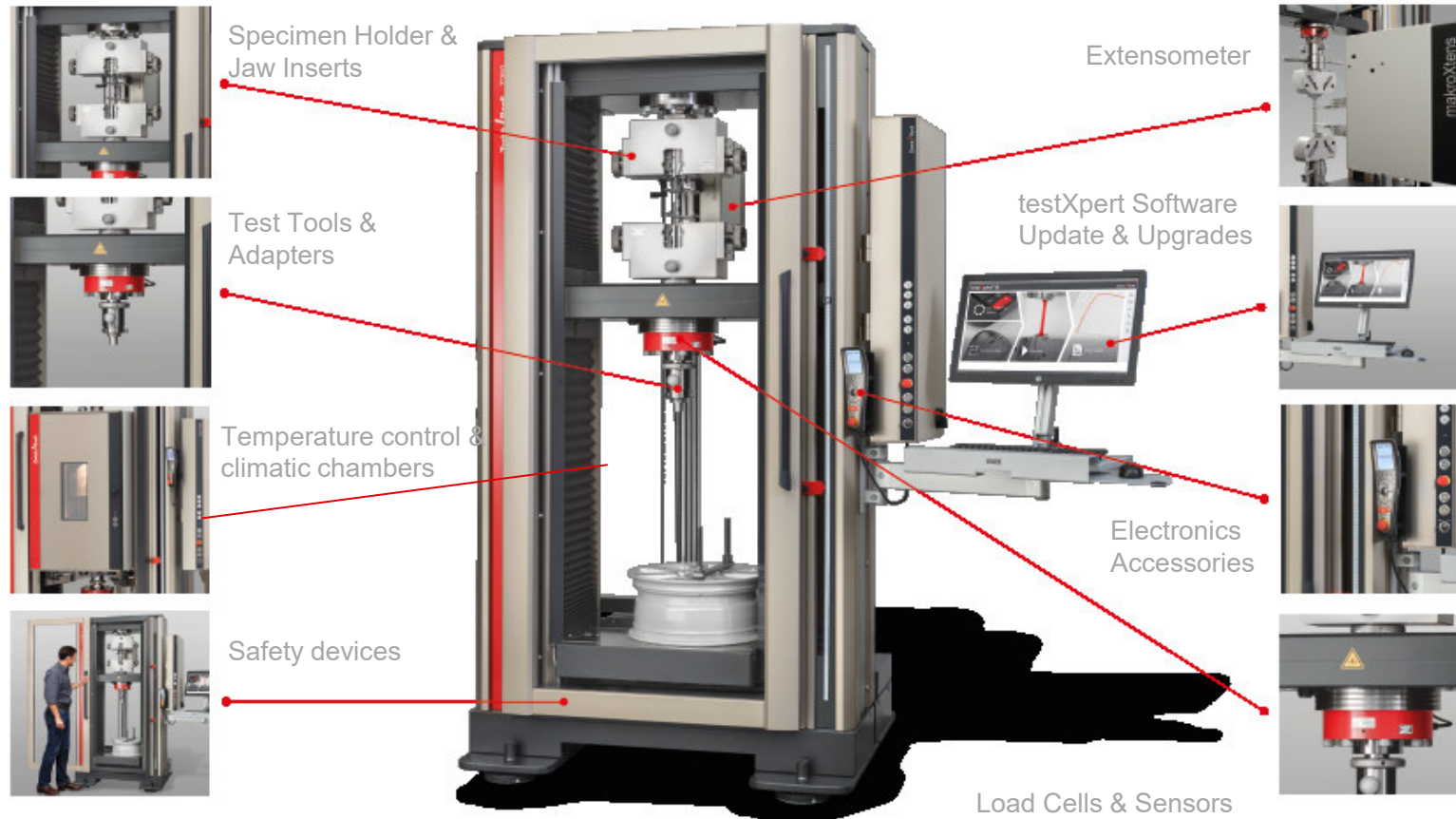
Condition Monitoring

[Link to live demo](#)

ZwickRoell retrofits with accessories

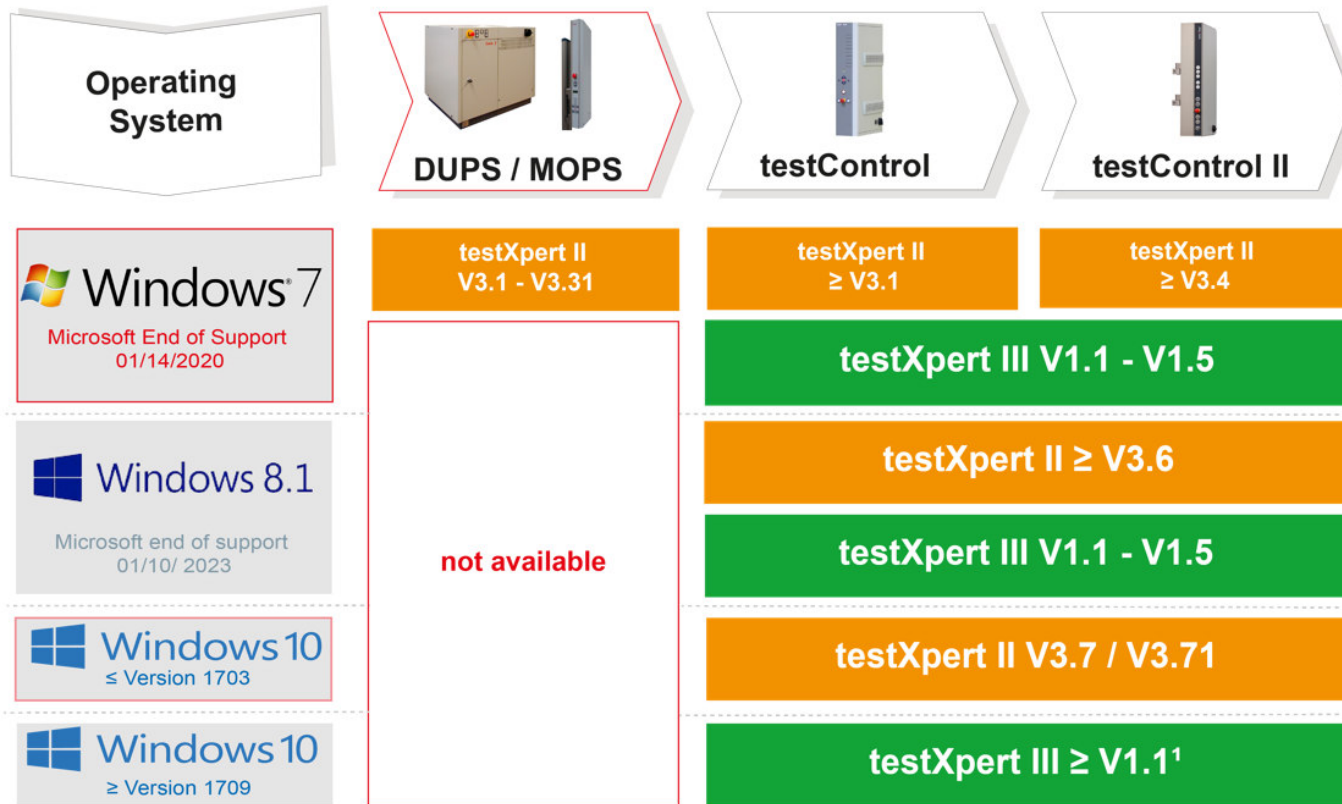


Your testing machine can do even more! How you can easily expand your testing capabilities with accessories



testXpert Software Update & Upgrade

Always Up-To-Date with a Software Upgrade... Take advantage of our latest testXpert testing software



Legend Development stopped Current version End of Support

¹ The testXpert versions are released with the Windows 10 version (build) current at the time of the version introduction. The information on the end of support for the respective build can be viewed on the Microsoft homepage.

My Dashboard



My Machines & Instruments

Your ZwickRoell test systems, service documents and maintenance dates at a glance.

[> TO MY MACHINES & INSTRUMENTS](#)



My Service Documents

All service documents such as calibration certificates, inspection checklists and operating instructions are digitally at your fingertips at all times.

[> TO MY SERVICE DOCUMENTS](#)



ZwickRoell Accessories

You can independently and quickly find out about our wide range of products.

[> TO ZWICKROELL ACCESSORIES](#)



BT1-FR250SN.A4K

637445

> REQUEST SERVICE

Technical Data

Type: 250kN Allround floor
Group: UTM static US
Manufacturer: ZwickRoell GmbH & Co. KG
Serial No: 164780
Software: testXpert II
Software version: 3.1

Service

Next Calibration: 24.03.2022
Technical Contact: Riedmüller, Wolfgang
Notice:



My Servicedocuments

Select account

327775 - Ulm - ZwickRoell GmbH & Co. KG - Prüflabor



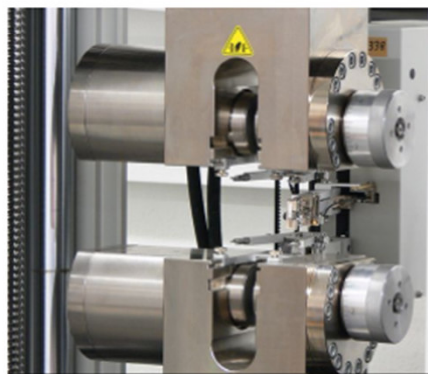
Search in table ...

Dossier	Name	Date	Category	Language	
708790	S70113_D0708790.pdf	06.08.2021	calibration certificate	DE	
708790	D0708790_Kraft DBSN766194 1000N_KZw_SA2113001.03.pdf	03.08.2021	ZwickRoell calibration certificate	DE	
708790	D0708790_Kraft DBSN765080-1 5000N_KZw_SA2113001.03.pdf	03.08.2021	ZwickRoell calibration certificate	DE	
708790	D0708790_Kraft DBSN765080 5000N_KZw_SA2113001.03.pdf	03.08.2021	ZwickRoell calibration certificate	DE	
708790	D0708790_ChkLst Kal_CI_SA2113001.03.pdf	03.08.2021	checklist	DE	
708790	D0708790_ServiceReport_SR_SA2113001.03.pdf	03.08.2021	service call report (MEA)	DE	
734767	D0734767_Länge DBSN734767-txp III V151 Kolbenweg-LVDT_KZw_SA2135401.00.pdf	02.06.2021	ZwickRoell calibration certificate	DE	

Welcome to ZwickRoell Accessories

Inform yourself online about our diverse accessories portfolio. Here you will find products for and information about our testXpert II and III testing software, test tools, load cells, specimen grips and jaw inserts. Contact our experienced after sales retrofit experts with questions quickly and easily, with no obligation.

This website is currently under construction and will be updated on an ongoing basis. If the product you are looking for is not yet available online, please visit our website www.zwickroell.com for further information or contact us at aftersales@zwickroell.com.



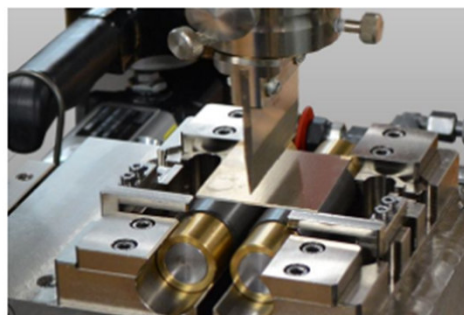
Specimen grips / jaw Inserts



testXpert III



Load cells



testXpert II

Filter

Sorting

Highest price

Connection diameter

Load cells

Test load in kN

Price

Items found

Xforce K+ load cell



250 kN capacity Xforce K+ load cell, 250 kN capacity Xforce type K+ Mounting stud diameter 60 mm Accuracy class 0.5 according to ISO

€12,905.00 *

Compare Remember

Xforce K+ load cell



250 kN capacity Xforce K+ load cell, 250 kN capacity Xforce type K+ Connecting flange with centering flange 70 mm Accuracy

€12,824.00 *

Compare Remember

Xforce K+ load cell



100 kN capacity Xforce type K+ Connecting flange with centering flange 70 mm Accuracy class 0.5 according to ISO 7500-1 from 250

€11,499.00 *

Xforce K load cell



250 kN capacity Xforce type K Mounting stud diameter 60 mm Accuracy class 1 according to ISO 7500-1 from 500 N, accuracy class

€10,759.00 *

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24 Feb 2021 13:36:01	DO729807_OC2719860_SN729807, 244695_DE_T3_V1.6_327775.zip	download

More Than a Facelift: Modernization by ZwickRoell

Old vs. New - 1984 vs. 2019

- New electronics
- New software
- New drive systems
- New safety features
- New accessories
- New attractive design

Modernizations

The testing machine is brought up to state of the art using high-quality components as installed in new machines.



Modernizations

ZwickRoell's expertise can modernize any machine – made by ZwickRoell or other manufacturers.



- ZwickRoell has performed almost 6.000 modernizations

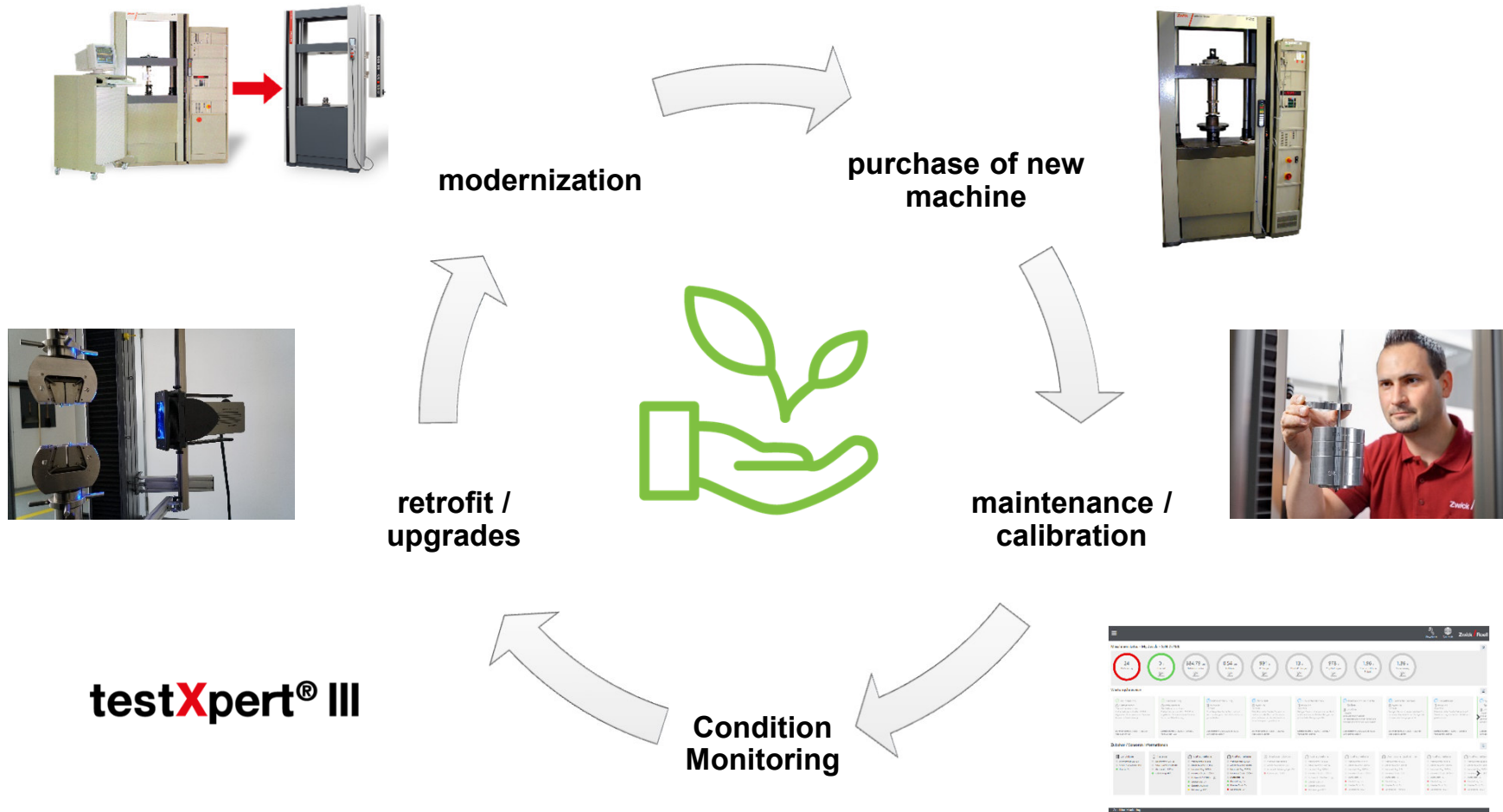


- Almost 40% of all ZwickRoell modernizations are performed on machines produced by other manufacturers (approx. 50 different brands)



Life cycle of a machine

There are opportunities at every stage of a machine's life cycle to extend its life and contribute to sustainability.





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