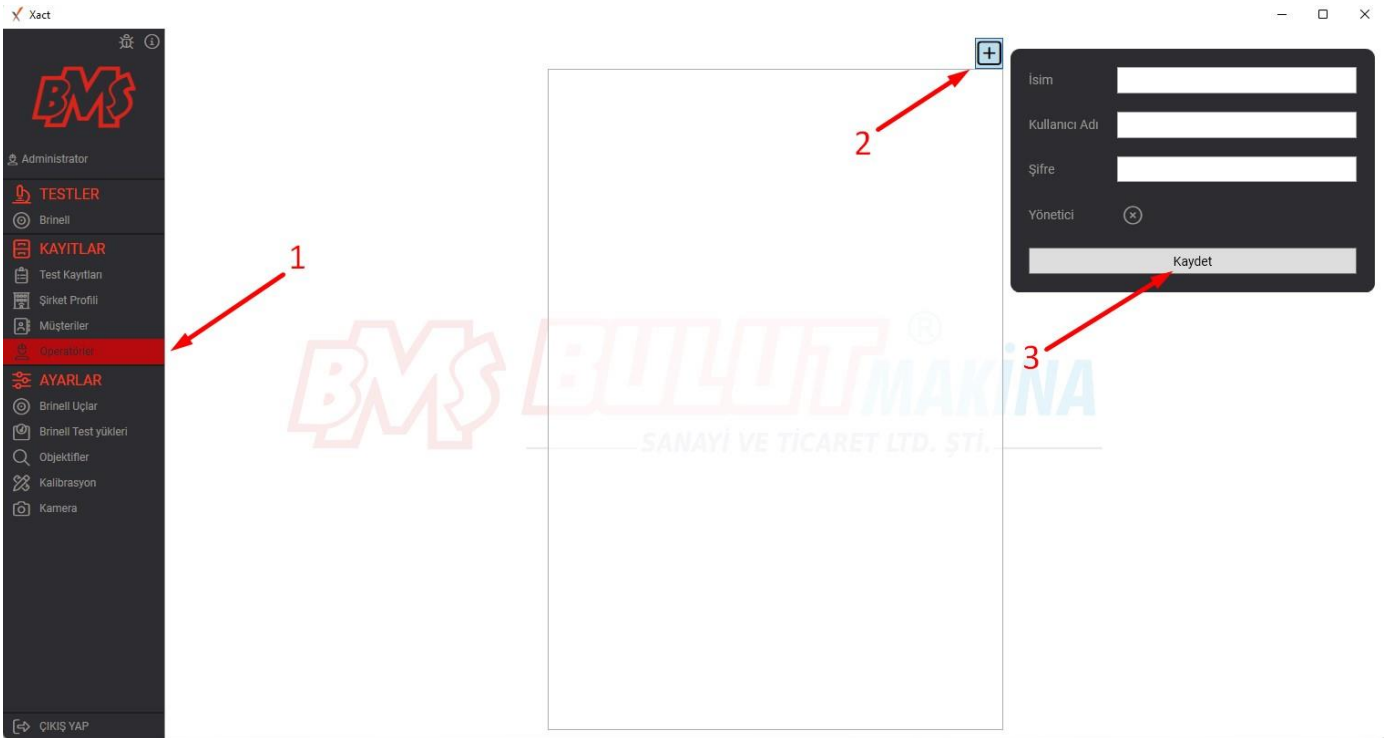


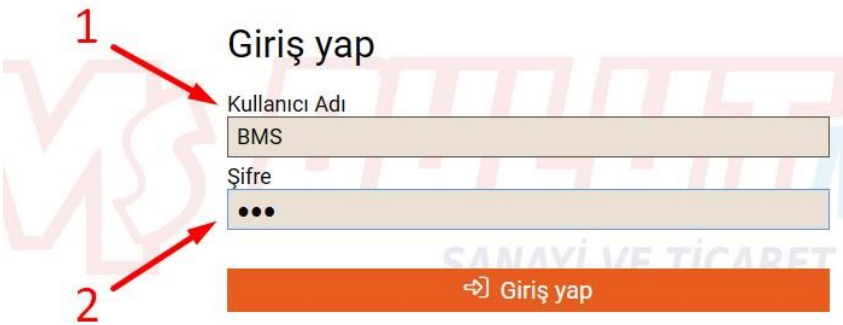


Brinell Hardness Tester Program User's Guide



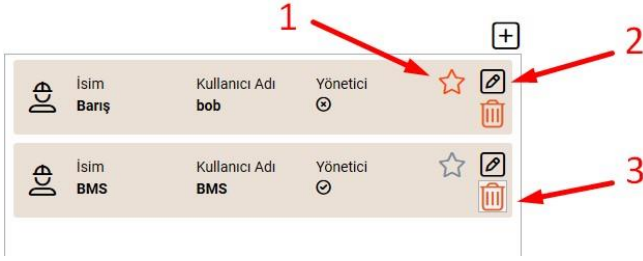
- 1- Click on “Operators” under the Logs menu
- 2- click the + sign
- 3- Enter your Name, Username and Password (it will be used to log in next time) and click the Save button.

Login:



- 1- Enter your Username
- 2- Enter your password and press enter or click the Sign in button

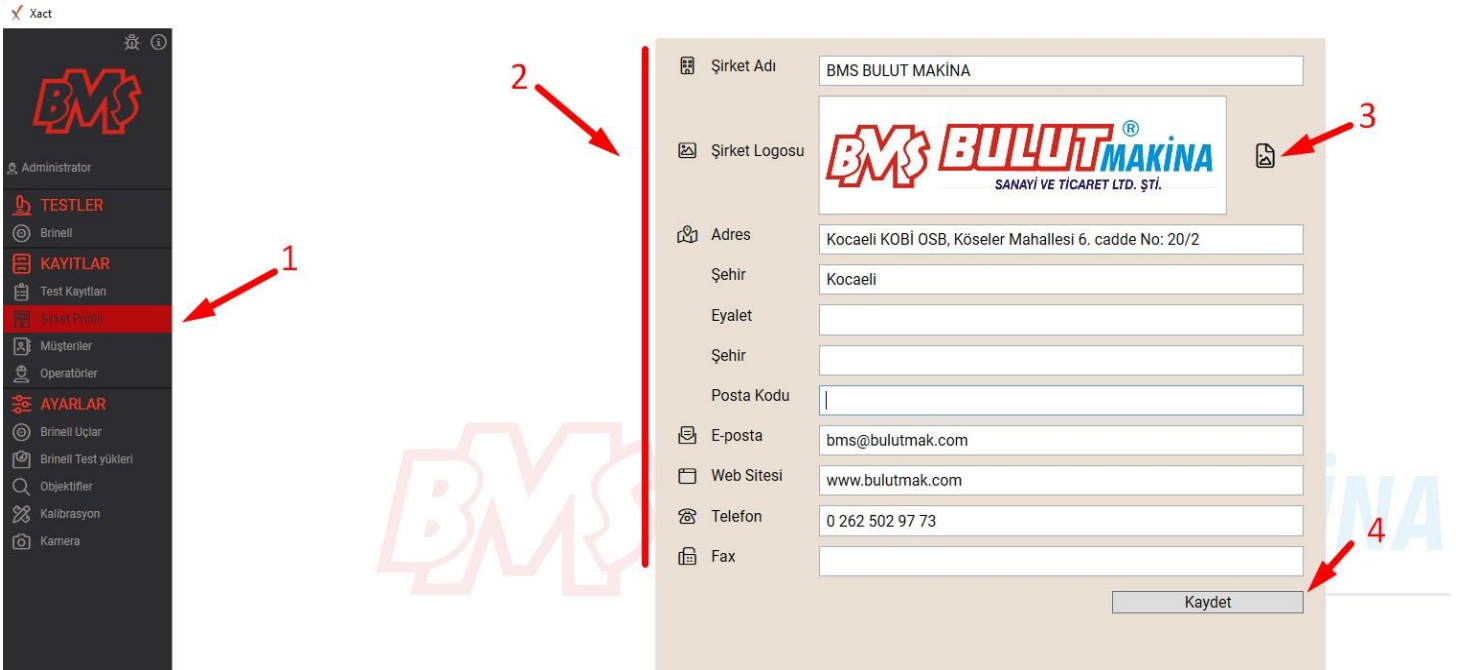
Edit Operators:




İsim	Kullanıcı Adı	Yönetici		
Barış	bob	Yönetici	☆	✎
BMS	BMS	Yönetici	☆	✎

- 1- Enable Auto Login for this Operator.
- 2- Edit Operator.
- 3- Delete Operator.

Enter Company Information:



Şirket Adı BMS BULUT MAKİNA

Şirket Logosu 

Adres Kocaeli KOBİ OSB, Köseler Mahallesi 6. cadde No: 20/2

Şehir Kocaeli

Eyalet

Şehir

Posta Kodu

E-posta bms@bulutmak.com

Web Sitesi www.bulutmak.com

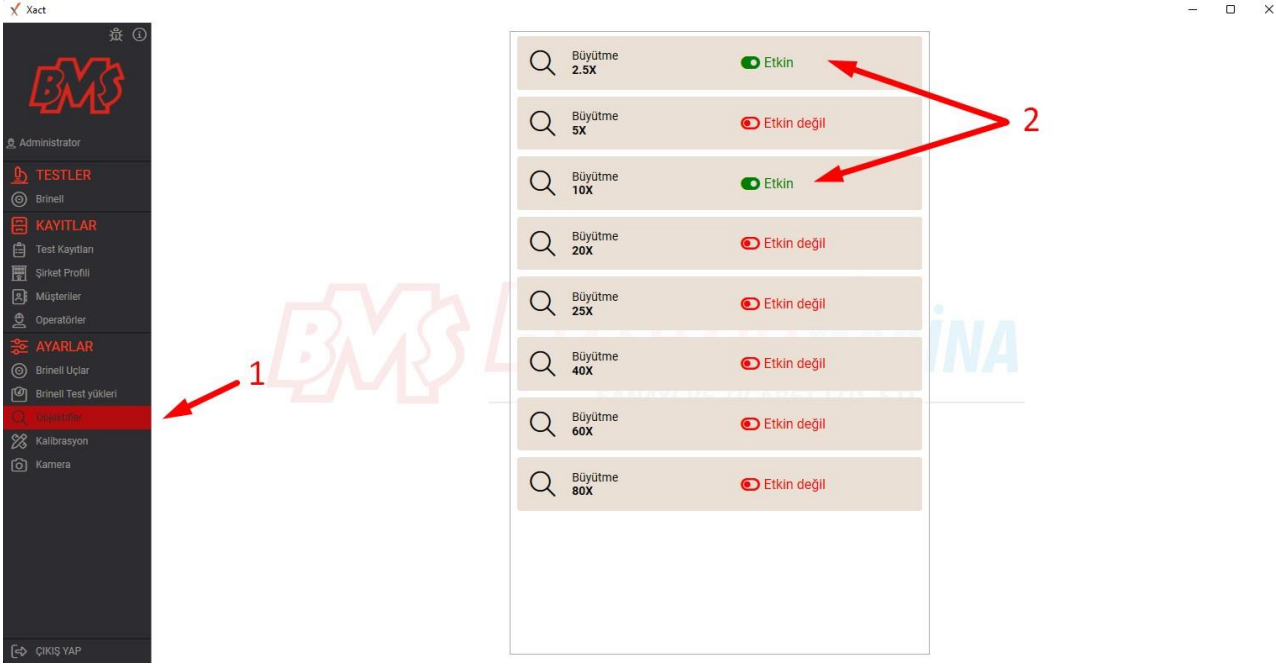
Telefon 0 262 502 97 73

Fax

Kaydet

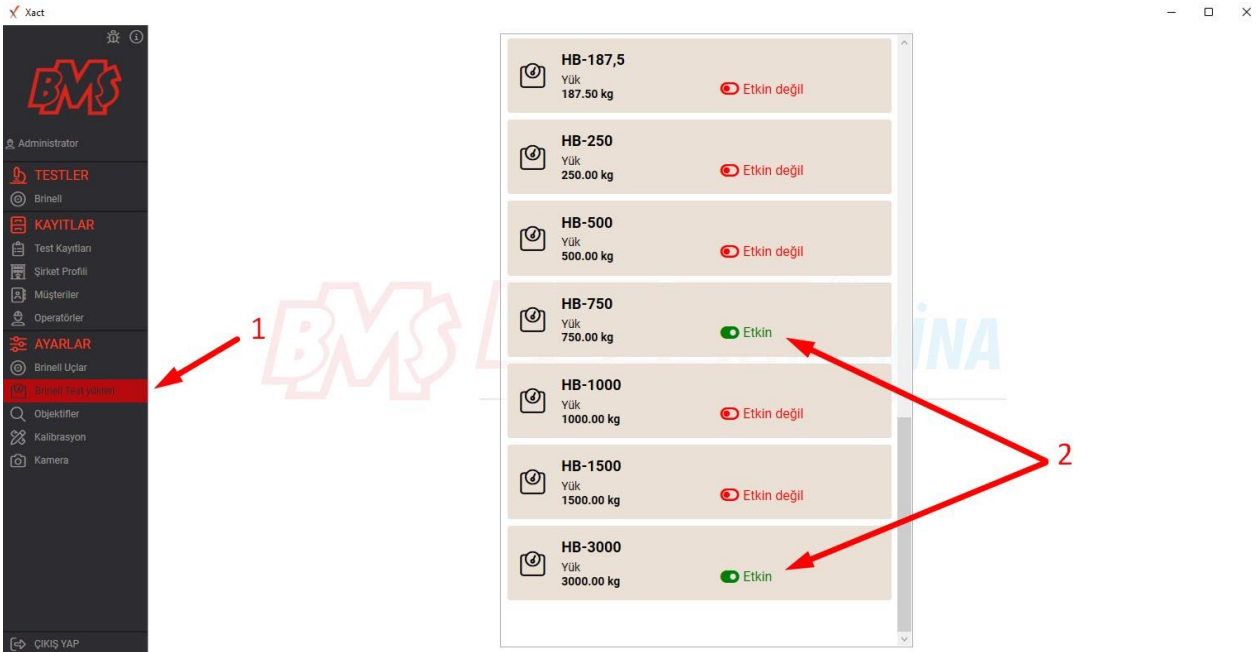
- 1- Click Company Profile from the main menu.
- 2- Fill in the required information.
- 3- Click the Image Icon to upload your company logo.
- 4- Click the Save button.

Choosing Lenses:



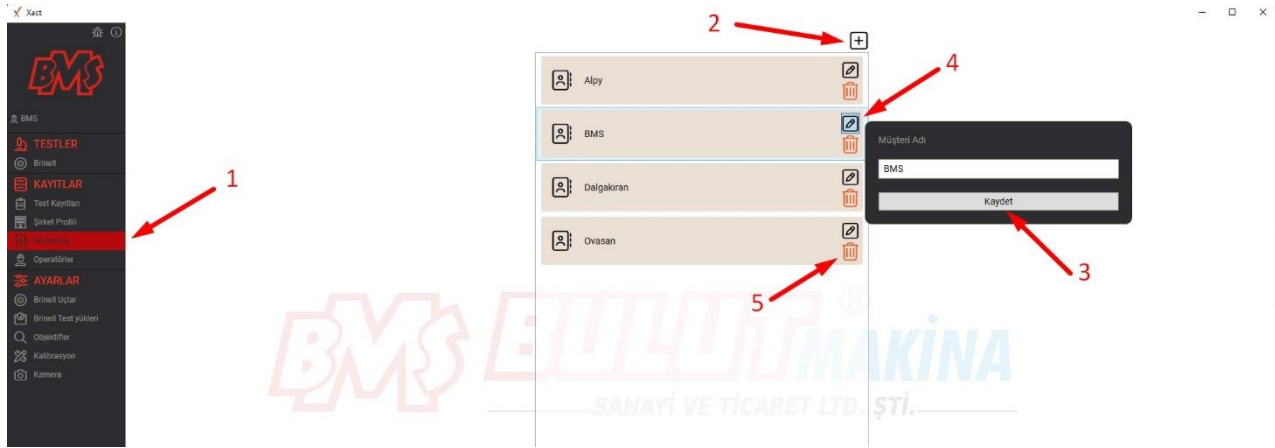
- 1- Click on Lenses in the main menu.
- 2- Activate the Lenses you have on your test device.

Setting Brinell Test Loads:



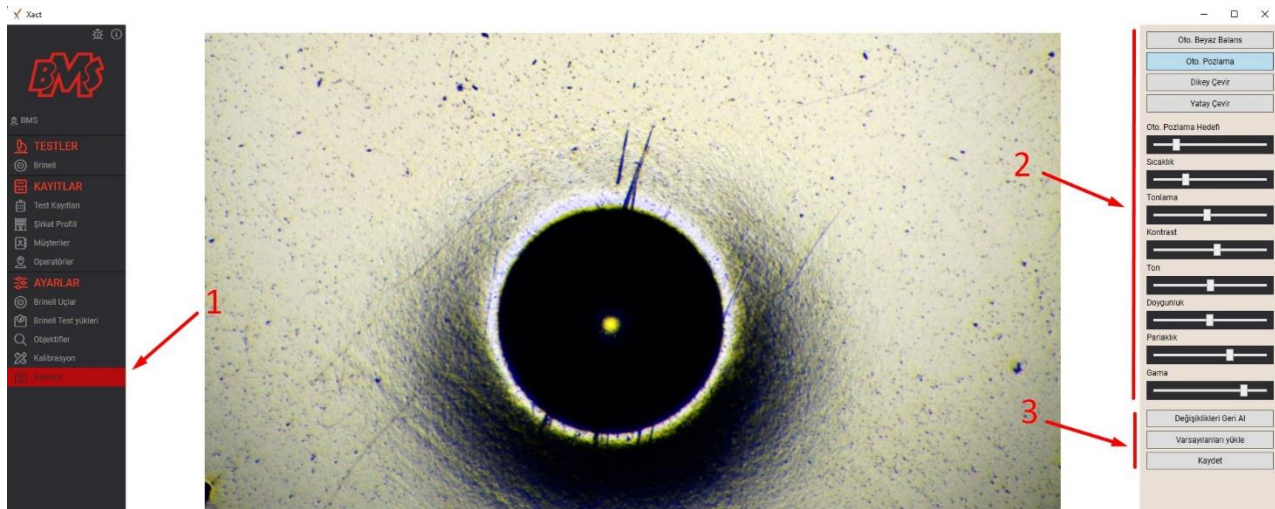
- 1- Click Brinell Test Loads.
- 2- Activate the test loads you will use with your test device.

Customers:



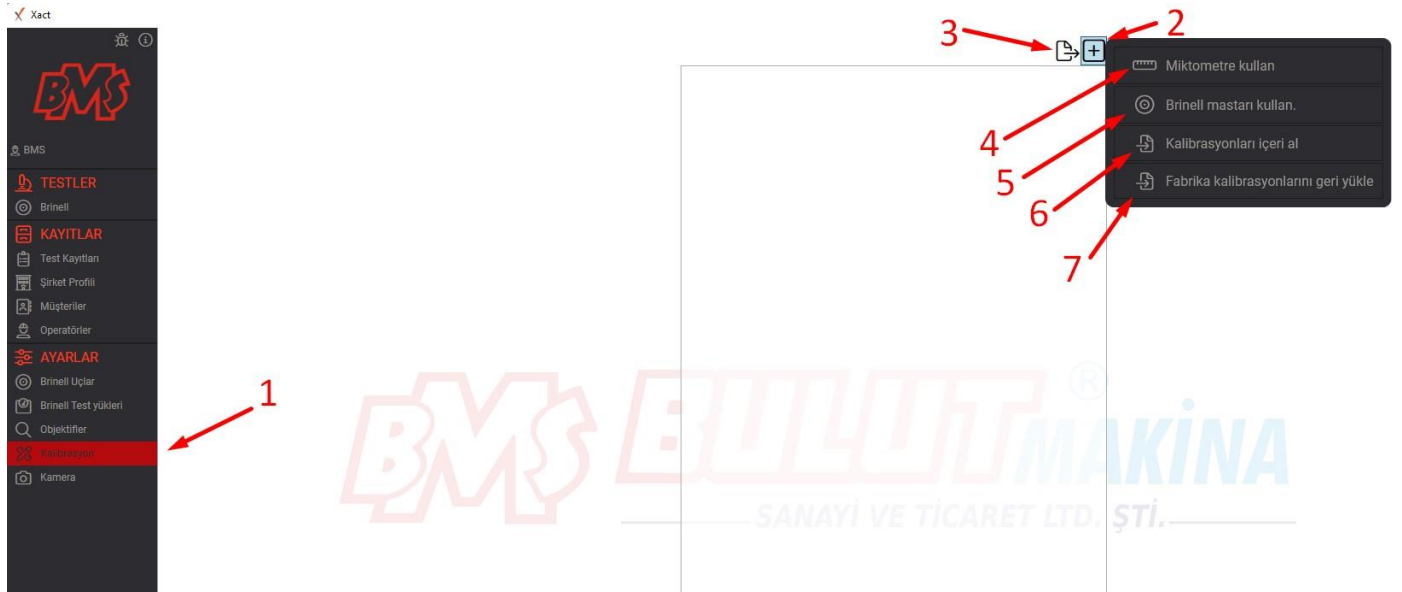
- 1- Click Customers on the main menu.
- 2- Click the + sign.
- 3- Enter the Customer/Supplier Name and click save.
- 4- Click the Edit button to change it.
- 5- Click the delete button to remove customers from the list.

Camera settings:



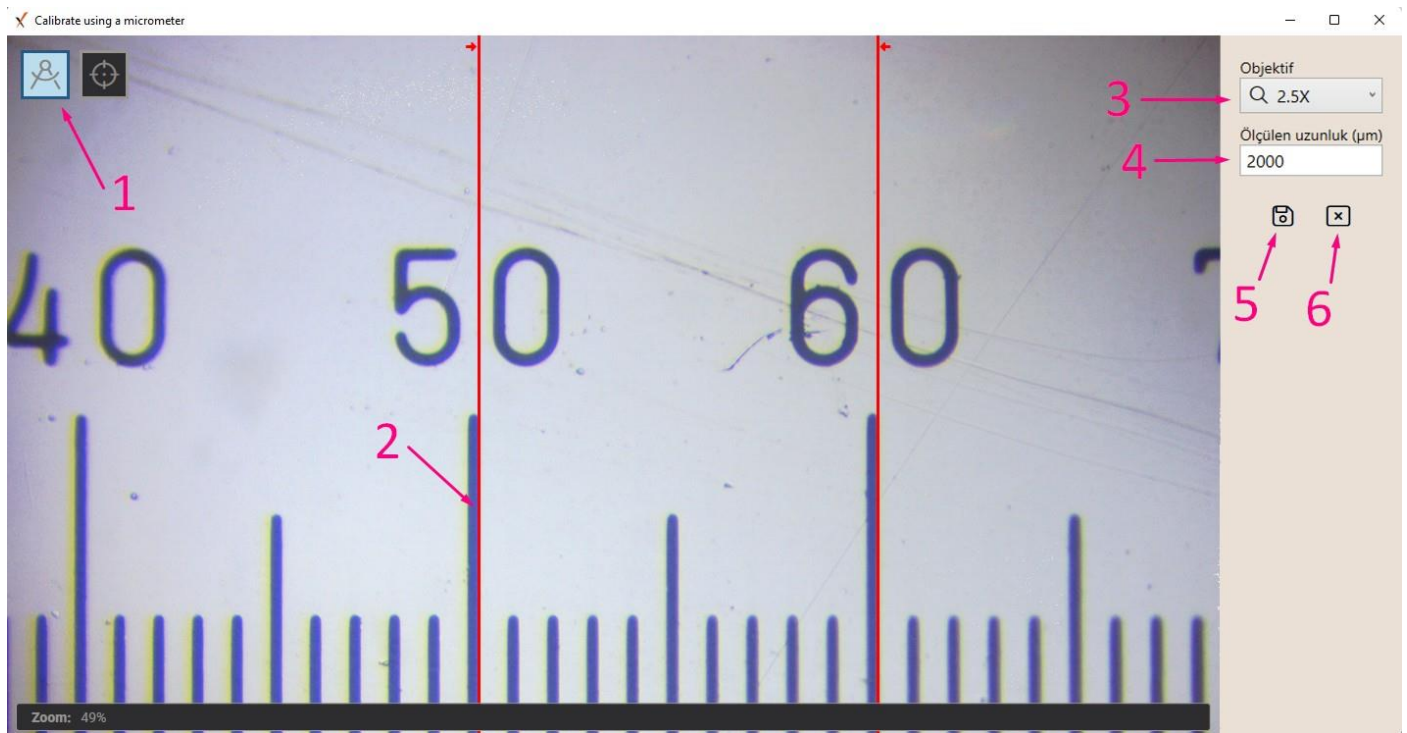
- 1- Click Camera on the main menu.
- 2- Image settings.
- 3- Camera setting save menu.

Calibration:



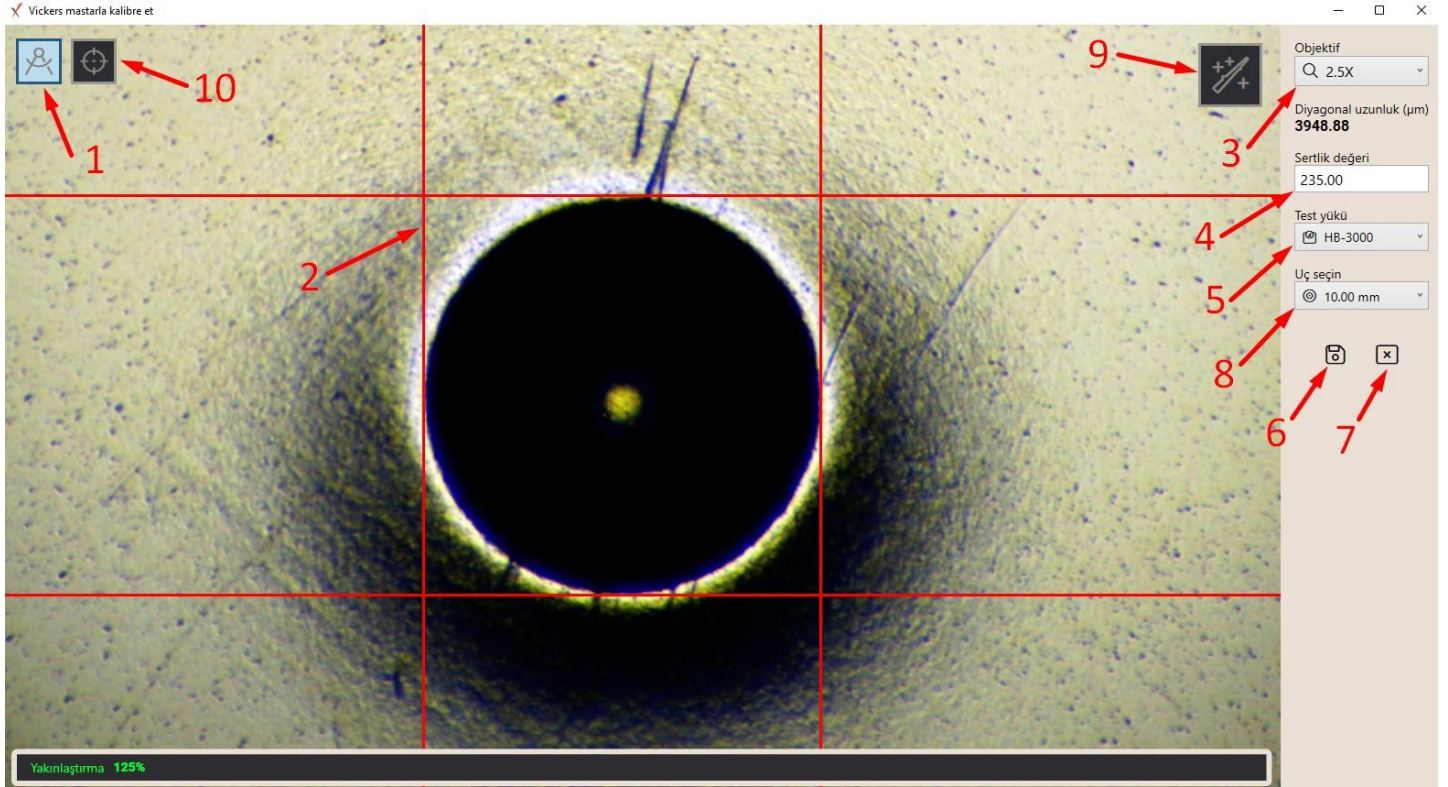
- 1- Click Calibration on the main menu.
- 2- Click the + sign.
- 3- Backup all calibrations.
- 4- Calibration with micrometer.
- 5- Calibration with Brinell Gauge.
- 6- Upload backed up calibrations.
- 7- Return to factory calibration.

Calibration with Micrometer:



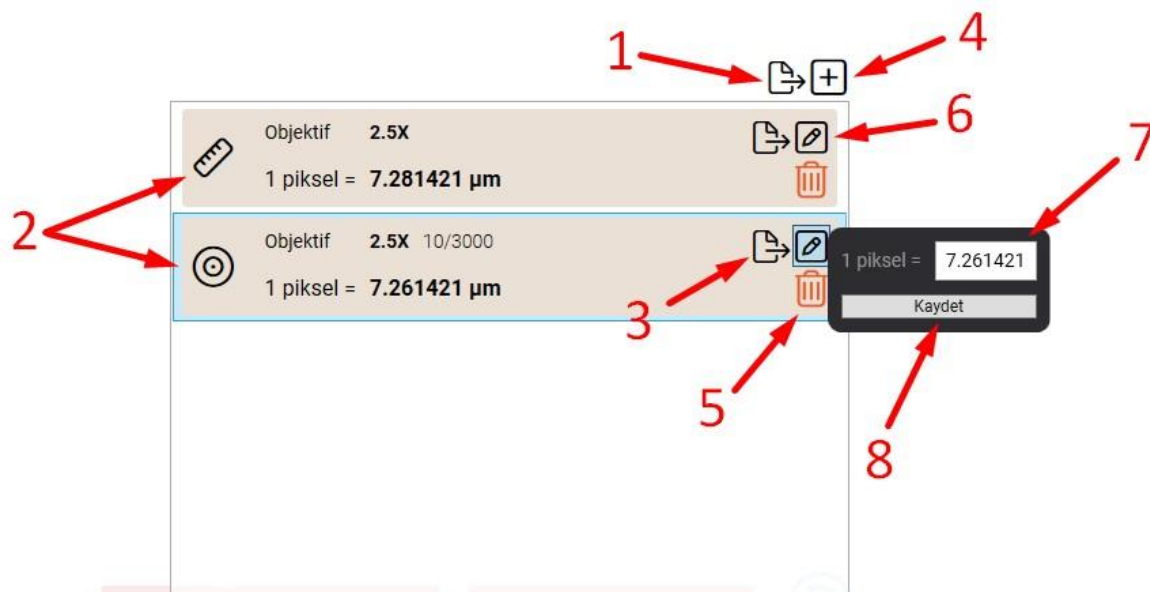
- 1- Switch to measurement mode.
- 2- Place the reticle lines on the micrometer image.
- 3- Choose the lens used.
- 4- Enter the distance between the lines in microns.
- 5- save.
- 6- Cancel.

Calibration with Brinell Gauge:



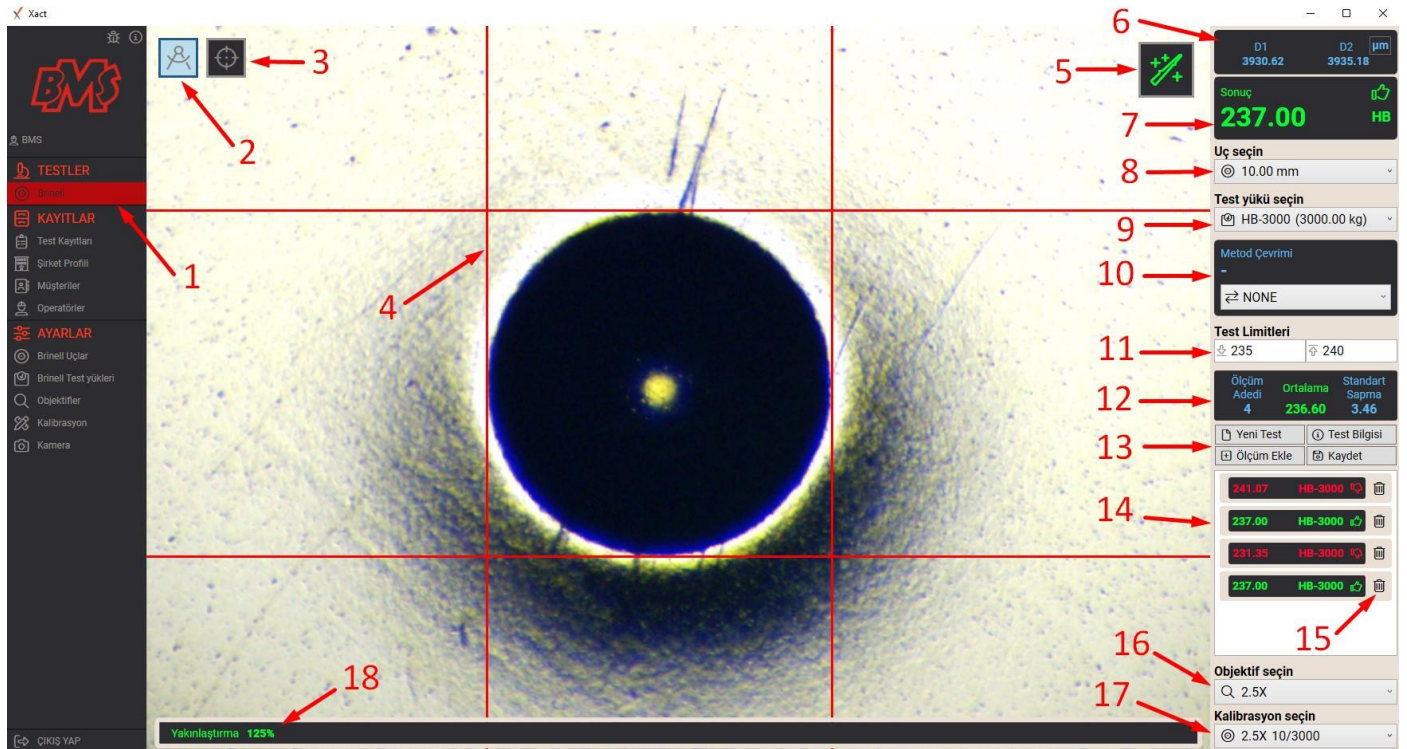
- 1- Switch to measurement mode.
- 2- Place the measuring lines.
- 3- Choose the lens.
- 4- Enter the Brinell Infinite Value.
- 5- Select the test load used.
- 6- Save the calibration.
- 7- Cancel the calibration.
- 8- Select Brinell Test Lead.
- 9- Automatic measurement button.
- 10- Alignment lines button.

Calibration Edit:



- 1- Backup all calibrations.
- 2- Icons showing how calibration is done.
- 3- Export the calibration file and save it as a backup.
- 4- Add calibration.
- 5- Delete Calibration.
- 6- Edit the calibration.
- 7- Change the calibration pixel value for fine tuning.
- 8- Save Changes.

Making a Brinell Measurement:



- 1- Click Brinell in the main menu.
- 2- Switch to measurement mode.
- 3- Alignment lines button.
- 4- measuring lines.
- 5- Automatic measurement button.
- 6- Diameter measurements.
- 7- Result screen.
- 8- Tip selection.
- 9- test load.
- 10- Value conversion by methods.
- 11- Enter the upper and lower test limits if you want to use them.
- 12- Test information screen.
- 13- New test and measurement buttons.
- 14- Measurement results list.
- 15- Delete result.
- 16- Lens selection.
- 17- Calibration selection.
- 18- Zoom ratio.

New Test and Test Information:

The screenshot shows a 'New Test' form with the following fields and controls:

- Tarih Saat:** 9/14/2022 12:42:19 PM
- Operatör:** BMS
- Müşteri:** Dalgakıran
- Parça ID:** 123 (with edit and confirm icons)
- Test ID:** 456 (with edit icon)

Numbered red arrows indicate the following steps:

- 1- Click the 'Yeni Test' button in the 'Test Bilgisi' section.
- 2- Enter the name of the customers or select from the list.
- 3- Click the edit button to rename the Test ID or Part ID labels for your test.
- 4- Type to change the Part ID label.
- 5- Confirm or cancel the change.
- 6- Fill in the remaining fields and click elsewhere on the screen to close the popup.

Additional information on the right side of the screen:

Test Limitleri		
Ölçüm Adedi	Ortalama	Standart Sapma
0	0.00	0.00

Buttons: Yeni Test, Test Bilgisi, Ölçüm Ekle, Kaydet

- 1- Click the New Test button in the Results menu and Test Information will appear.
- 2- Enter the name of the customers or select from the list.
- 3- Click the edit button to rename the Test ID or Part ID labels for your test.
- 4- Type to change the Part ID label.
- 5- Confirm or cancel the change.
- 6- Fill in the remaining fields and click elsewhere on the screen to close the popup.

Viewing Test Records:

The screenshot displays the BMS software interface. On the left is a dark sidebar menu with the 'BMS' logo and various navigation options. The main area shows a list of test records for 'BRINELL' tests. Red arrows and numbers 1 through 9 point to specific UI elements: 1 points to the 'Test Kayıtları' menu item; 2 points to the test record list; 3 points to the filter options at the top; 4 points to the 'Apply' filter button; 5 points to the 'Clear all filters' button; 6 points to the PDF export button; 7 points to the 'Grafik ekle' checkbox; 8 points to the PDF file icon; and 9 points to the test record details.

Test Kayıtları

Müşteri	Parça ID	Test ID	Test Tarihi	Operatör	Ölçüm Adedi
BRINELL	897	678	9/14/2022 12:45:45 PM	BMS	3
Ortalama Sonuç	226.96	Standart Sapma	Maks. Sonuç	Min. Sonuç	Alt Limit
226.96	12.75	236.35	208.93	235.00	Üst Limit
235.59	HB-3000	3944.12 µm	208.93	HB-3000	4176.95 µm
236.35	HB-3000	3938.03 µm			

Müşteri	Parça ID	Test ID	Test Tarihi	Operatör	Ölçüm Adedi
BRINELL	123	456	9/14/2022 12:42:19 PM	BMS	3
Ortalama Sonuç	234.47	Standart Sapma	Maks. Sonuç	Min. Sonuç	Alt Limit
234.47	1.92	236.35	231.84	235.00	Üst Limit
236.35	HB-3000	3938.03 µm	235.21	HB-3000	3947.17 µm
231.84	HB-3000	3974.56 µm			

- 1- Click Test Records on the main menu.
- 2- List of saved test with information and results.
- 3- Test the filtering options.
- 4- Apply filter button
- 5- Clear all filters button.
- 6- Click the PDF button to get a drop down menu for more selection, use the checkbox to select to include the result plots in the PDF test report.
- 7- Save the PDF file to your PC.
- 8- View the PDF file.