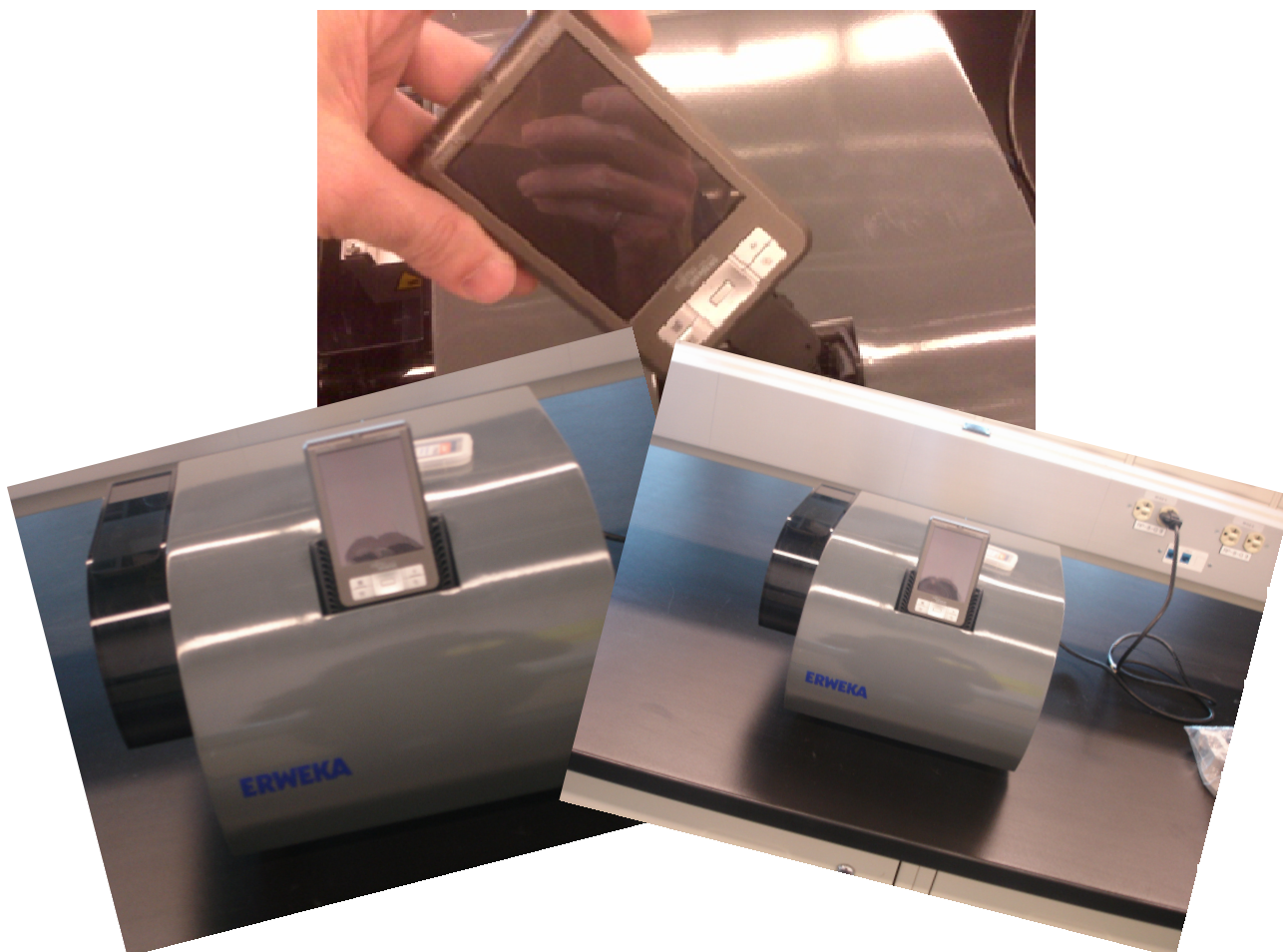


ERWEKA D-6150 Hardness manual

LESLIE DAN FACULTY OF
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Preparing the Hardness Tester

1. Attach the Fujitsu Siemens Pocket PC to the hardness tester via the front panel. Slide the Pocket PC in the rubber holder.



2. Make sure the SD start-up card is in the slot.
3. Plug in the hardness tester and turn it on using the switch on the back.
4. Follow the pocket PC prompts for set-up. Use the slide-out pen on the upper right side of the Pocket PC.
5. At the home screen, remove the SD card and insert the “Siemens Update” SD card.
6. Click “Yes to All” if prompted to over-write files.
7. Click the “Start” button (upper left hand corner), then click “Programs” on the drop-down menu
8. Remove the “Siemens Update” SD card and replace it with the start-up card.
9. Click the “H-Test” icon.
10. Clean the tablet platform with the brush provided. Click “ok” to zero the jaw.
11. Enter the login account information:
 - User : “admin”, Password: “abc123”, click “OK” to log in.

Calibrating the Hardness Tester

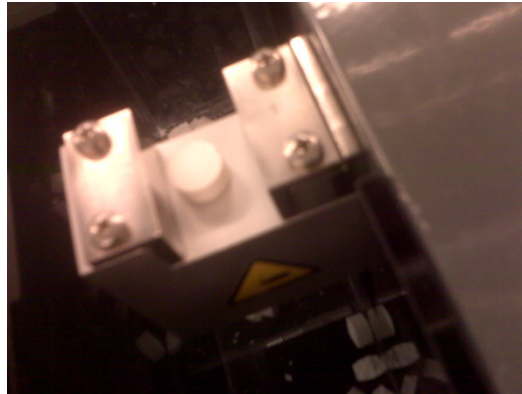
12. On the menu bar located at the bottom left, click “Action” à “Calibration” à “Calibrate”.
13. Dust of the stage with the brush and click the first “OK”.



14. Clean and insert the 10mm calibration block, polished finish facing the piston, and click the next “OK”.
15. Clean and insert the 5mm calibration block, polished finish facing the piston, and click the next “OK”.
16. Clean and insert the 10mm calibration block, polished finish facing the piston, and click the next “OK”.
17. Clean and insert the 5 mm and 10mm calibration blocks together, polished finish facing the piston, and click the next “OK”.
18. Remove the calibration blocks from the stage.

Using the Hardness Tester

19. Click “Action”, then “Measurement”, then “New”.
20. “Hardness” is the number of tablets to be tested. Set this to 10.
21. Leave the “Correction Factor” as 0.
22. Measure the diameter of your tablet with plastic calipers. Enter this value under “Diameter”.



23. Place a tablet on the stage, and click “Start”.
24. Click on “Inspection” to see the hardness values for each tablet.
25. The piston will squeeze the tablet until it breaks. While the piston pulls back, quickly sweep and replace a new tablet on the stage for the next measurement until the last tablet is broken.
26. To review the data, click “Action” “Results” Select the most recent file (by date) “Show” “Statistics”.