



WIAP®

MEMV®



International staff training in mechanical engineering

Introduction: For decades, WIAP AG trains professionals who are new and / or partially for a long time in the respective operation. This personnel is often well in practice, but sometimes it lacks the basis of theories. There is a special training program which is designed to train alternatively during production. The WIAP MEMV system.

Photo report:

Use the hardness tester
E Quo Tip no. 612.0747



Figure 1: Hardness Tester Equo Tip

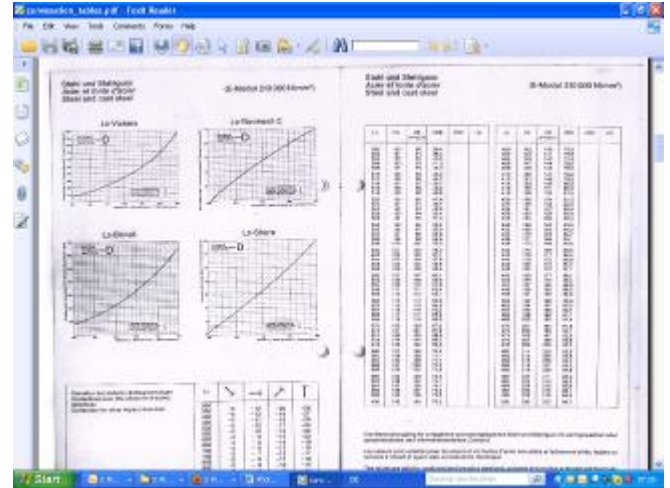


Figure 1a: The manual. This is before something is done with the device to read carefully.

Use the hardness tester



Figure 2: Contents of the box



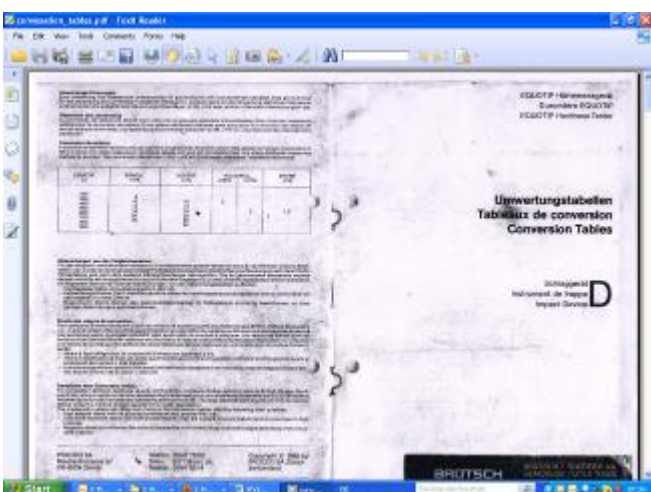
Conversion Table Page 2



Figure 3: The device displays a L value.



Figure 4: This is one of the two test panels of the unit.



With the conversion table of the LO value can be read in HV or HB or HRB or HRC or HS.



Figure 5: This is the hardness of the test plate, according to the table.



Figure 6: This coupling compound is packing in the meter. This is required when the workpiece is easy.



Figure 7: It is advantageous if the test plate is kept well, so they do not nachfedert. Otherwise, there are different measurement results. We had 0005% deviation.



Figure 8: The Medium is the impact device. In our case, the Type D.



Figure 9: Impact Device D. put away caution when devices. packaging the lateral plug down.



Figure 10: The impact device is connected here on connector Input



Use the hardness tester

Figure 11: After the switch is set to ON and one should wait minimum 5 seconds.



12: Then a loading movement can be made. The black plastic is pushed about 30 mm to the right.



Figure 13: loading movement



Figure 14: is then added the percussion device to the workpiece, respectively. Specimen, pushing it well down so it can not bounce.



Figure 15: Now press the top hits the shooting button from within a small noise. This means the striker has fulfilled the task and the indicator on the set show the value.



Figure 16: Display



Figure 17: All wegrräumen carefully again. The impact device cable should face downward so that the plug will not be damaged when the box is closed.



Photo 18: The device has been calibrated on 18/06/2012 by us. It is from now calibrated every 6 months. Authorized for calibrating the machine maintenance.

instructions from the Manual of the manufacturer. Thank you.

A separate test protocol is in the device receptacle. The original stand in the Maintenance folder in conventional machines.

Created: 19/06/2012 HP Widmer

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Calibration is performed as follows:

1. Test board 1 in vise
2. Preparing device and make measurement after the previous text.
3. Inspector 1 measures 3 x and report it.
4. Inspector 2 measures 3 x and report it.
5. If the deviation is more than 0.002%, repeat the measurement.

The test panel # 1 has 758 +6

The test panel # 2 has 763 + 6

If the deviation does not exceed 0.005%, the unit is okay. If the value is incorrect: Please follow the repair

Title:Hardness Tester E Quo Tip
Handling instructions on the front of WIAP

Description;The WIAP has many hours people trained to measure hardness. It is a very important venture when to be cured. Also calibrate the meter is one of them. The WIAP shouldered the maintenance and operators that are active in the current production.

keyword: The WIAP trains to measure hardness people. It is a very important venture when to be cured. Also calibrate the meter belongs to the WIAP trained operators that are active in the current production.