

SAMPLE CERTIFIED TEST DISKS

Traceability:

The Impressor test disks supplied with this order have been tested using a Vickers hardness tester, serial number 210650A. The Vickers hardness tester has been certified using test blocks that have been calibrated on a verified Laboratory Standard Tester using measuring devices traceable to the National Institute of Standards and Technology. An average of five tests produced results within the tolerance allowed by ASTM Standard E-384.

VICKERS TEST C 13-Dec-18

Each disk has been tested five times. All five Vickers readings and the average value are listed below. Each disk is marked with an identifying number. Please keep a copy of this statement with each test disk in use. Permission is granted to copy and distribute as required. A copy is kept on file in electronic format.

Impressor Test Disk Log Sheet

Part Number		Factory Order Number	
GYZJ-250-100	For use with standard GYZJ-934-1 only.	SAP# 1555835 (14)	

Vickers Tester	
Load	kg

Test	Disk #1	Disk #2	Disk #3	Disk #4	Disk #5
1	139.0	144.0	144.0	137.0	137.0
2	144.0	144.0	138.0	142.0	144.0
3	138.0	144.0	139.0	138.0	143.0
4	140.0	138.0	144.0	142.0	144.0
5	143.0	140.0	143.0	141.0	144.0

Average Vickers Hardness	140.8	142.0	141.6	140.0	142.4
Equivalent GYZJ-934-1 Value	89	85	89	88	89

SAMPLE CERTIFICATION

Order #: [REDACTED]

Model: GYZJ-934-1

Serial Number: [REDACTED]

InstruCon #: [REDACTED]

InstruCon, Inc. certifies that the Barcol Impressor Hand Held Hardness Tester above was repaired, tested and calibrated. Comparison reading was obtained using a Vickers hardness tester, which has been certified using test blocks that have been calibrated and verified to Laboratory Standard Tester using measuring devices traceable to the National Institute of Standards and Technology (NIST) and using InstruCon, Inc. or Original Equipment Manufacturer Work Instructions that comply with the following standard: ISO 10012-1. An average of five test produced results within the tolerance allowed by ASTM Standard E-384.

Test Equipment

Manufacturer	Serial #	Load	Test Date	Recall Date
Vickers	250128	5 KG	13-Jul-18	13-Jul-19

Results

Test Disk Part Number GYZJ-250-100; Factory Order Number SAP# 1524576 (1); Test Disk#1

Test	Vickers Reading*	Impressor Before Repair/Cal	Impressor After Repair/Cal	Delta	Minimum Reading	Maximum Reading
1	138.0	88	88	N/A	87	89
2	138.0	88	88	N/A	87	89
3	138.0	88	88	N/A	87	89
4	138.0	88	88	N/A	87	89
5	138.0	88	88	N/A	87	89

Note: * Vickers Average Reading of 138.0 is Equivalent to GYZJ-934-1 Reading of 88.

 As Found Condition: Out of Tolerance
 In Tolerance

 As Left Condition: Out of Tolerance
 In Tolerance

Calibration Date: 08/07/2018

Recall Date: 08/07/2019

Temperature: °C Range 20 - 25°C

Humidity: % R.H. Range 40 - 80%

Technician: [REDACTED]