



**equotip<sup>®</sup>**  
bambino

# INTEGRATED HARDNESS TESTER

- Easy to operate!
- Highly accurate in any impact direction - automatically!
- Converts to all common hardness scales (HV, HB, HRC, HRB, HS)
- Rapid reload and trigger mechanism
- Instant reading from large, high-contrast LCD
- Intelligent self diagnostics
- Averaging (mean value) function
- Virtually unlimited impacts per battery charge cycle
- Rechargeable via charger with USB cable
- Upgradable to EQUOTIP<sup>®</sup> PICCOLO

## Testing with EQUOTIP BAMBINO - Easy as 1-2-3



1. Positioning



2. Arming



3. Testing

1. Position the BAMBINO on the surface point to be tested, perpendicular to the surface.
2. Arm the impact device – slide the actuator towards the housing. The catch chuck grasps the impact body and draws it against the energy spring to a defined force. This motion “wakes up” the electronics and the display shows the current test settings.
3. Test is accomplished by again sliding the actuator towards the housing. This releases the impact body from the catch chuck and propels it towards the test surface within the defined energy. Results are immediately displayed in the selected scale. No separate trigger action is necessary – loading and release is accomplished in the same motion.

Patents pending - Standardized according to ASTM A956 + DIN 50156  
A SWISS QUALITY PRODUCT

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## Application Range - Primary Industries

- Good for all materials
- Ideal for production level testing
- Best suited for on-site testing of heavy, big or already installed parts
- Handy for difficult to access or confined test locations
- Automatic sensing and compensation for impact direction
- Excellent for material selection and acceptance tests
- Easy to use and accurate on curved test surfaces (R > 10 mm/0.4 inches)
- Metal production & processing
- Automotive & transportation
- Machinery & power plants
- Petro-chemical, refineries
- Aerospace & shipyard
- Metal constructions
- Testing services & laboratories

## Configuring the EQUOTIP BAMBINO

CANC FEED MENU



The display output of your test results (scale and material) can be configured individually by the 3 button on-board control system. Sensing and compensation for impact direction is default, but can also be switched off.

## Ordering Information

### UNIT KITS:

351 20 001: EQUOTIP BAMBINO hardness tester, unit D

Includes: BAMBINO hardness test device with impact body D, small D6a and large D6 support ring, cleaning brush, neck/wrist strap (lanyard), charger and USB cable, USB memory stick with PDF files of operating manual/quick reference guide, device box, product certificate

351 20 002: EQUOTIP BAMBINO hardness tester, unit D (351 20 001) with test block D with Proceq calibration certificate, large carry case

### OPTIONAL ACCESSORIES

350 01 140	Test block D with Proceq calibration
350 01 139	Test block D with MPA calibration and certificate
351 90 001	Large carrying case with space for test block and major accessories
350 01 015	Coupling paste (can)
350 03 000	Set of support rings (12 pcs.)
351 90 003	AC charger/power supply (110-220 V)
820 35 103	Operating instructions
820 35 102	Quick reference guide

### REPLACEMENT PARTS

350 01 004	Impact body D
350 01 009	Support ring D6 (19.5 x 5.5 mm)
350 01 010	Support ring D6a (13.5 x 5.5 mm)
351 90 019	Device box
351 90 016	Neck/Wrist strap (Lanyard)
341 80 112	USB charger
351 90 018	USB cable, 1.8 m (6 feet)
351 90 017	Cover for USB receptacle
350 01 008	Cleaning brush
* wear and tear items	



Subject to change without notice.

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