

ELECTROLAB

Your Quality, Our Assurance



Tablet Testers

5 Parameter

5 Parameters

Tablet Testing

- Weight
- Thickness
- Diameter / Length
- Width
- Hardness



Touch Screen Display

- 7" full color intuitive touch screen display



Constant Speed and Constant Force

- Constant speed and constant force measuring principle



Calibration and Verification

- Programmable calibration and verification modes
- Calibration and verification reminders



Compliance

- Body made of S.S. to comply with cGMP regulations
- Perfect companion for IPQC cubicals



EHT-



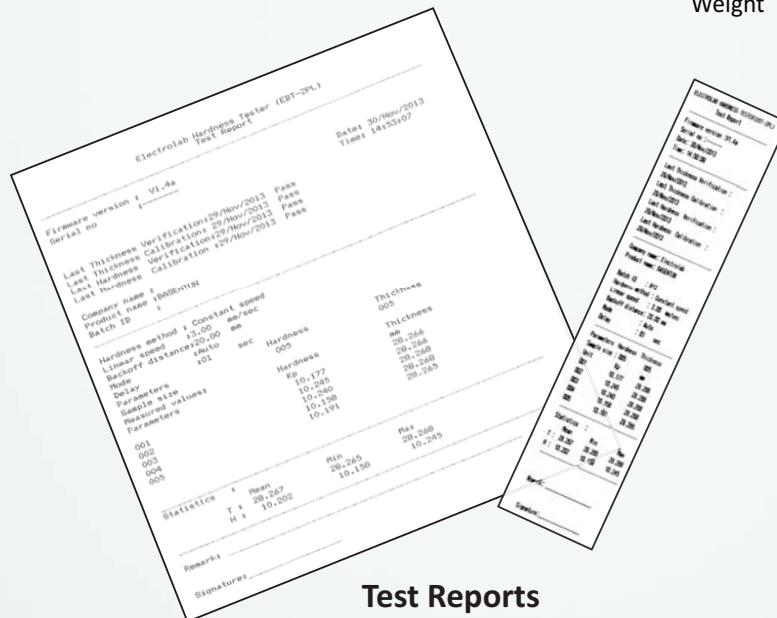
Weight



Thickness



Diameter



Test Reports

Tablet Tester



5PR

L / Length **Wd** Width **H** Hardness

**Tablet tester
with embedded printer**

Tolerance

- Programmable tolerances with visual alerts of T1 , T2 and plausibility limits -
 - Nominal
 - T1
 - T2
 - Plausibility



Tablet Manager Tray

- Tablet manager tray for easy carrying of tablets from weighing scale



Audio-Visual Alerts

- Audio-visual alerts for instrument status
 - Run
 - Error
 - Communication



Manager Security

- Multi-level security up to 10 levels



Multilingual

- English
- German
- French
- Spanish



Printing

- User selectable templates for printing data and graphs



2 Parameter Tablet Tester



EBT-2PRL

with
embedded printer



EBT-2PL



Hardness



Thickness



Force



Compliance

- Body made of S.S. to comply with cGMP regulations
- Perfect companion for IPQC cubicals



Touch Screen Display

- 5.7" full color intuitive touch screen display



Constant Speed

- Constant speed measuring principle



Calibration and Verification

- Programmable calibration and verification modes



Printing

- LAN and serial port for printing
- Thermal printer (Optional)

H

Portable Tablet Hardness Tester (EH-01)

- Tablet hardness measurement by load cell
- Hardness measuring range upto 500 N
- Units of measurement in N, kN, Kg, lbs and oz
- Battery operated (50 hrs of continuous use)



Hardness



Force



EH-01

H

Tablet Hardness Tester with Printer Connectivity (EH-01P)

- Complies with USP specification
- Hardness measurement by load cell upto 500 N
- Units of measurement in N, Kgf and lbf
- Printer connectivity through RS 232 port
- Programmable plausibility upper (T1) and lower (T2) tolerance limits
- Display and print-out of 10 test values with statistics
- Tester operates on rechargeable battery



Hardness



Force



Print



EH-01P

Specifi

Model	EHT-5PR	EHT-5P
Product code	S.S. : 0940800	S.S. : 0940800
	MS : 0920800	MS : 0920800
Parameters	Weight, Thickness, Diameter / Length, Width, Hardness	Weight, Thickness, Diameter / Length, Width, Hardness
Compliance	Body can be Stainless steel (SS) to comply with cGMP regulations or painted MS	Body can be Stainless steel (SS) to comply with cGMP regulations or painted MS
Touch screen display	7.0" full color	7.0" full color
Samples per test	Up to 1000	Up to 1000
Adjustable delay between the samples	1 sec to 99 secs	1 sec to 99 secs
Measuring principles	Constant speed or constant force selectable	Constant speed or constant force selectable
Printing for data and graphs selectable	User selected templates	User selected templates
Hardness Range	3 N - 800 N	3 N - 800 N
Accuracy	± 1 N	± 1 N
Jaw opening	40 mm (up to 65 mm optional)	40 mm (up to 65 mm optional)
Jaw	Dual (Big and Small groove)	Dual (Big and Small groove)
Units for hardness	N, Kp, Sc, user defined	N, Kp, Sc, user defined
Units for thickness/diameter	mm / inch	mm / inch
Constant speed setting	0.5 mm to 3 mm in step of 0.1 mm	0.5 mm to 3 mm in step of 0.1 mm
Constant force setting	10 Kg~100 Kg /sec force in step of 1 Kg/sec	10 Kg~100 Kg /sec force in step of 1 Kg/sec
Weight	External balance connectivity Sartorius/Mettler Toledo/Shimadzu/Contech	External balance connectivity Sartorius/Mettler Toledo/Shimadzu/Contech
Tilt sensing device	Yes	Yes
External thickness	Optional	Optional
Security	3 level user management (flexible role)	3 level user management (flexible role)
Hardness /thickness calibration	2 point calibration 3 point verification linearity	2 point calibration 3 point verification linearity
Report format	User selectable tabular format	User selectable tabular format
Interface	LAN, USB and serial	LAN, USB and serial
Embedded Printer	Yes	No

cation

EBT-2PRL	EBT-2PL	EH-01P	EH-01
S.S. : 0940900	S.S. : 0940900	940200	940100
MS : 0920900	MS : 0920900	-	-
Hardness and Thickness	Hardness and Thickness	Hardness	Hardness
Body can be Stainless steel (SS) to comply with cGMP regulations or painted MS	Body can be Stainless steel (SS) to comply with cGMP regulations or painted MS	-	-
5.7" full color up to 100	5.7" full color up to 100	-	-
-	-	-	-
Constant speed	Constant speed	-	-
-	-	-	-
3 N - 800 N	3 N - 800 N	Up to 500 N	Up to 500 N
± 1 N	± 1 N	± 0.5 %	± 0.5 %
35 mm	35 mm	30 mm	30 mm
-	-	-	-
N, Kp, Sc, user defined	N, Kp, Sc, user defined	N, Kgf & lbf	N, kN, Kg, lbs & oz
-	-	-	-
1 mm/sec to 3 mm/sec	1 mm/sec to 3 mm/sec	-	-
-	-	-	-
-	-	-	-
No	No	No	No
-	-	-	-
-	-	-	-
2 point calibration 3 point verification linearity	2 point calibration 3 point verification linearity	-	-
-	-	-	-
LAN, USB and serial	LAN, USB and serial	-	-
Yes	No	Thermal printer connectivity	No

Standard accessories for EHT-5P and EHT-5PR

Part no	Description
0906A00003	Groove tongue
0905A00012	Magnetic tablet manager tray
0905A00013	Acrylic tray
0905A00014	Brush

Optional accessories EHT-5P and EHT-5PR

Part no	Description
0906A00002	Flat tongue
0906A00004	65 mm jaw
0905A00007	STARLITE-12™ printer roll (for EHT-5PR)
0905A00011	Validation kit : <ul style="list-style-type: none"> • 5 Kg brass weight for calibration and validation of hardness • 10 mm calibrated gauge block for validation of thickness

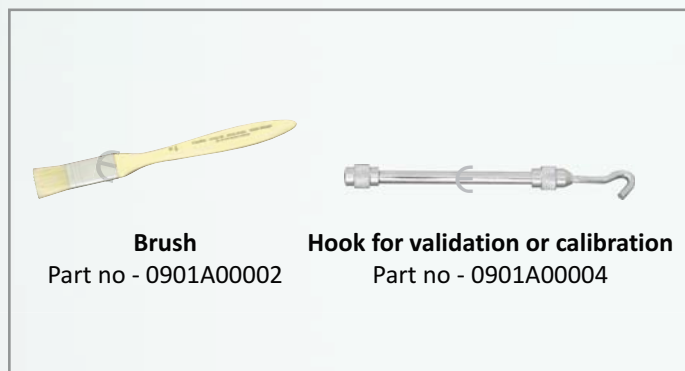
Standard accessories for EBT-2PL and EBT-2PRL

Part no	Description
0905A00001	Acrylic hood
0905A00012	Magnetic tablet manager tray
0905A00013	Acrylic tray
0905A00014	Brush

Optional accessories EBT-2PL and EBT-2PRL

Part no	Description
0905A00007	STARLITE-12™ printer roll (for EHT-5PR)
0905A00011	Validation kit : <ul style="list-style-type: none"> • 5 Kg brass weight for calibration and validation of hardness • 10 mm calibrated gauge block for validation of thickness

Standard accessories for EH-01 and EH-01P



Optional accessories EH-01 and EH-01P



Care and Maintenance

- Handle the weights carefully while calibrating and verifying Tablet Testers
- Bouncing the weight on the calibration platform while placing the weight may lead to permanent damage of the load cell

Our Products

- Complete range of Dissolution Testers • Dissolution Media Preparator • Disintegration Testers • Friability Testers
- Electromagnetic Sieve Shakers • Tap Density Tester • Bulk Density Tester • Powder Flow Tester • Leak Tester • Peristaltic Pumps



The information contained in this document is believed to be correct but ELECTROLAB accepts no liability for any errors and reserves the right to alter specifications without notice
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