

# ELECTROLAB

## Tablet Testers



**BETATEK** INC.

*Instrumentation Superbly Supported*

*L'instrumentation à son meilleur*

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# 5

Parameters

## Tablet Testing

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



## Touch Screen Display

- 7" full color intuitive touch screen display



800N  
Force

## Constant Speed and Constant Force

- Constant speed and constant force measuring principle



## Calibration and Verification

- Programmable calibration and verification modes
- Calibration and verification reminders



## Tilt sensing device

- Tilt sensing device enables display orientation change in verification and calibration mode



EHT-5P

# 5 Parameter

## W

Weight

## T

Thickness

## D

Diameter



## EHT-5P



LAN

## 800 N

Force

# Tablet Tester

D

/ Length

Wd

Width

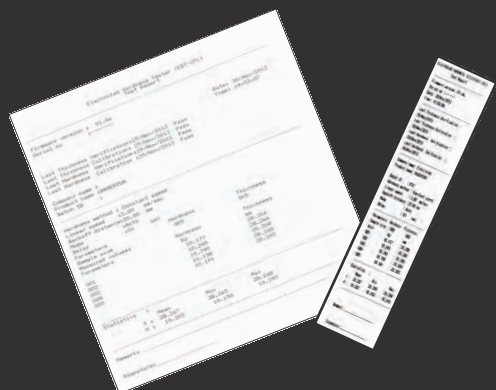
H

Hardness



-5PR

Tablet tester with  
embedded printer



Test Reports

cGMP

Compliance

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



Tolerance

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



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



Management Security

- 3 level user management security



Multilingual

- English
- German
- French
- Spanish



Printing

- User selectable templates for printing data and graphs

# 2 Parameter Tablet Tester



Hardness



Thickness



Force



EBT-2PLR

with  
embedded printer

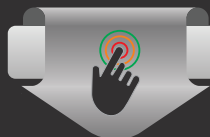


EBT-2PL



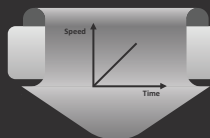
## Compliance

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



## Touch Screen Display

- 5" 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

**H**

### Portable Tablet Hardness Tester

- 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)

**H**

Hardness

**500 N**

Force

**EH-01****H**

### Tablet Hardness Tester with printer connectivity

- Complies with USP requirements
- 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 and with statistics
- Tester operates on rechargeable battery

**H**

Hardness

**500 N**

Force



Print

**EH-01P**

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
cGMP compliance	Body can be (SS) stainless steel to comply with cGMP regulations or painted MS	Body can be (SS) stainless steel to comply with cGMP regulations or painted MS
Touch screen display	7.0" full colour	7.0" full colour
Samples per test	Up to 1000	Up to 1000
Adjustable delay between the samples	1 to 99 sec	1 to 99 sec
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 - 800 N	3 - 800 N
Accuracy	$\pm 1$ N	$\pm 1$ N
Jaw opening	40 mm (up to 65mm optional)	40 mm (up to 65mm 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	0.5mm to 3mm in step of 0.1mm	0.5mm to 3mm in step of 0.1mm
Constant force setting	10kg~100kg /sec force in step of 1 kg/sec	10kg~100kg /sec force in step of 1 kg/sec
Weight	External balance connectivity Sartorius/Mettler/Shimadzu/Contech	External balance connectivity Sartorius/Mettler/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



# ications

EBT-2PRL	EBT-2PL	EH-01P	EH-01
S.S. : 0940900	S.S. : 0940900	940200	940100
MS : 0920900	MS : 0920900	Hardness	Hardness
Hardness and Thickness	Hardness and Thickness	–	–
Body can be (SS) stainless steel to comply with cGMP regulations or painted MS	Body can be (SS) stainless steel to comply with cGMP regulations or painted MS	–	–
5.7"	5.7"	–	–
upto 100	upto 100	–	–
–	–	–	–
Constant speed	Constant speed	–	–
–	–	–	–
3 - 800 N	3 - 800 N	Upto 500 N	Upto 500 N
± 1N	± 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
0901A00002	Brush
0905A00001	Tablet manager tray
0905A00003	Slide-in groove tongue

#### Optional accessories EHT-5P and EHT-5PR

Part no	Description
0901A00011	<b>Validation Kit :</b> <ul style="list-style-type: none"> <li>5 kg brass weight for calibration and validation of hardness</li> <li>10 mm calibrated gauge block for validation of thickness</li> </ul>
0905A00003	65 mm jaw
0905A00002	Weighing scale
0904A00004	Printer roll (for EHT-5PR)

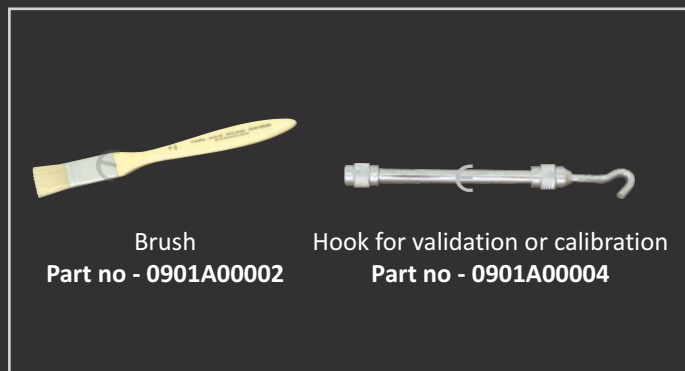
#### Standard accessories for EBT-2PL and EBT-2PRL

Part no	Description
0901A00002	Brush
0903A00001	Acrylic tray
0903A00002	Acrylic hood

#### Optional accessories EBT-2PL and EBT-2PRL

Part no	Description
0901A00011	<b>Validation Kit :</b> <ul style="list-style-type: none"> <li>5 kg brass weight for calibration and validation of hardness</li> <li>10 mm calibrated gauge block for validation of thickness</li> </ul>
0904A00004	Printer roll (for EBT-2PRL)

#### Standard accessories for EH-01 and EH-01P



#### Optional accessories EH-01 and EH-01P



#### Care & Maintenance

- Handle the weights carefully while calibrating & 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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