HLD Series Technical Precision Top-Loading Scale

As of: Wednesday, January 14, 2026



Standard Features

- Backlit LCD display with 7 digits 16mm high.
- Waterproof membrane keypad, with acoustic feedback, with 7 keys.
- Stainless steel plate, size: 140x150mm.
- Level and adjustable feet.
- Built-in rechargeable battery (about 30h battery life) and 230 Vac mains power adapter.
- Operating temperature +5°C...+40°C.
- RS232/c port for connection to PC or printer (serial parameters not programmable in CE-M approved version).
- Packaging: 370x240x250mm size - approximate weight of 2,7kg.
- Upon request:
    - ACCREDIA calibration with issuing of relative certificate

- CE-M approval in class II.

Multifunctional scale, suitable for laboratory and industrial use. Available also CE-M APPROVED for legal for trade use.

Specifications

Functions:
- Counting
- Percent weight
- Weight totalisation
- Conversion up to 13 units of measure
- Zeroing
- Zero tracking
- Semi-automatic tare
- Digital calibration
- Backlight command
- Low battery warning

Division (g):
- from 0.02 to 0.1

Capacity (g):
- 1200, 3000, 6000

Counting Features

Internal sensitivity and minimum recommended A.P.W.

Model	HLD1200	HLD3000	HLD6000
Internal sensitivity (g)	0,0025	0,005	0,014
Min. recommended A.P.W. (g)	0,02	0,05	0,1

Available Versions

Code	Class	Plate Max (mm)	Max (g)	d (g)	M (g*)	Linearity (g) +/-	Repeatability (g)
HLD1200	--	140x150 mm	1200	0,02	0,2	0,04	0,02
HLD3000	II	140x150 mm	3000	0,05	0,5	0,1	0,05
HLD6000	II	140x150 mm	6000	0,1	1	0,2	0,1

(*) CE-M divisions are obtainable only with the relative options.

Parts

Part #	Description
Available Versions	
HLD1200	Laboratory scale with 1200 g capacity, 0.02 g division, 140x150 mm stainless steel loading plate, backlit LCD display and waterproof membrane keyboard.
HLD3000	Laboratory scale with 3000 g capacity, 0,05 g division, stainless steel plate dimensions 140x150 mm, backlit LCD display and waterproof membrane keypad.
HLD6000	Laboratory scale with 6000 g capacity, 0,1 g division, stainless steel plate dimensions 140x150 mm, backlit LCD display and waterproof membrane keypad.

Options

Part #	Description
Calibration Service (Only at Order)	
CT3	ISO 17025 calibration certificate up to 5 kg for single scale/platform. For precision and industrial scales, crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
CT4	ISO 17025 calibration certificate from 6 to 60 kg for single scale/platform. For precision and industrial scales, crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
Approval for Sale to Third Parties	
ECEM1L	Single range CE-M approval for class I or II scales with capacity up to 6kg.
ECEMDOC	Printed EU declaration of conformity, EU certificate of verification, test certificate and metrological book (free download from our website, only for approved CE-M products). NET €.
Printers / Labelers	
OBTPRSH	ABS bench thermal printer for Scale House products (to be combined with specific cable for each scale). 58 mm paper width; 50 mm roll diameter; power supply through built-in 110-240 Vac power supplier.
RSCBBC	1,5 m cable for connecting AFW, ALGM, ASB, ASC, ASG, BCSD and HLD series scales to OBTPRSH printer.
Connection Cables	
RSCBPCX	1,5 m RS232/C cable for connecting AFW, ALGM, ALGS, ASC, BCSD, GAM, HLD and KS series scales to PC.
Spare Parts	
SHAL14	12V 500mA power supplier (EU).
14TRBA	6V 1,3Ah battery.
15HLDK	Membrane keyboard with overlay (HLD).
15HLDSP	Square stainless steel weighing plate (HLD1200/3000/6000).
15HLDSU	Square plastic underplate (HLD1200/3000/6000).