

# Laser scanners - technical data

■ standard □ option

Laser scanner	hl40	hl41	hl42
Optics		VLD laser diode	
Wave length / Infrared viewable nm		650	
Scanning system		Vibration reflector	
Scans per second		100	
Print contrast (PCS) at least %		45	
Least resolution mil / mm		6 / 0,15	
Scanning range up to mm		330	
Inclination in °		+/- 59	
Rotary angle in °		+/- 75	
Ambient lighting up to LUX		50,000	
<b>Linear barcodes</b>			
Codes 39, 93, 128, EAN 8, 13, 128, Interleaved 2/5, UPC A, E		■	
Codabar		■	
IATA, Industrial 2/5, Matrix 2/5		■	
JAN 8, 13		■	
ISBN, ISSN		■	
S code		■	
<b>Monitoring / test routines</b>			
Green LED at decoding		■	
Different sounds at decoding and errors in scanning		■	
<b>Interfaces</b>			
PS/2 keyboard			■
USB	■		
Serial RS 232 with 230 V ~/50 Hz power supply unit		■	
<b>Electronics</b>			
Power supply VDC		4.5 to 5,5	
Power consumption during operation 5 VDC mA		50	
Power consumption in standby mA		10	
<b>Ambient conditions</b>			
Operating temperature °C		5 to 50	
Stock temperature °C		-20 to 60	
Humidity not condensing %		20 to 80	
Height of fall on concrete m		1.5	
Laser protection class		1	
Approvals in terms of safety		CE	
Protection class		IP 42	
<b>Dimensions and height</b>			
Height mm		159	
Width mm		57	
Depth mm		32	
Weight g (cable excluded)		90	

## Laser scanners - delivery program

	Part no.	Device	Scope of delivery
	<b>5570785</b>	Laser scanner hl40 USB	Laser scanner, connecting USB cable, stand, programming manual
	<b>5570786</b>	Laser scanner hl41 RS232	Laser scanner, connecting RS232 cable, 9 pins, stand, power supply unit, programming manual
	<b>5570787</b>	Laser scanner hl42 PS/2	Laser scanner, Y cable, PS/2 keyboard, stand, programming manual

Scopes of delivery, design and technical specifications correspond to the date of the printing.

Subject to change. The data provided do not represent any warranty or guarantee. Information is also available on the Internet: [www.cab.de/en](http://www.cab.de/en)