

■ CI-202 / CI-203 Comparison Chart

	CID Bio-Science		LI-COR		ADC BioScientific LTd
Specification	CI-202	CI-203	LI-3000C	LI-3100C	AM350
Maximum object width	15 cm	15 cm	12.7 cm	25.4 cm	10.3 cm
Object thickness	1.5 cm maximum	3 cm maximum	0.8 cm	2 cm	n/a
Ignores voids?	yes	yes	yes	yes	n/a
Length	36 cm	3 m maximum	1 m	unlimited	2 m
Detector	675 nm Laser Diode	675 nm Laser Diode (width); low-inertia roller (length)	Electronic rectangular approximation	Scanner camera (width); Current frequency (length)	Contact image sensor
Resolution	0.01 cm ²	0.01 cm ²	1.0 mm ²	0.1 or 1.0 mm ²	0.065 mm ²
Accuracy*	± 1.0% for samples >10cm ²	± 1.0% for samples >10cm ²	± 1.0%	± 1.0% to ± 10.0% (dependant on selected resolution and sample area)	± 1% Linear, ± 2% Area, ± 5% Perimeter
Memory	8,000 measurements	Virtually unlimited	65,000 to 125,000 measurements	n/a	2,000 data sets
Interface	USB 2.0	USB 2.0 and Wi-Fi SD	USB 1.1 compliant; RS232	RS-232 or USB	RS-232 and mini-B USB

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Specification	CI-202	CI-203	LI-3000C	LI-3100C	AM350
Battery	7.2 V NiMH	7.2 V NiMH or AC (with conveyor)	6V lead-acid battery	no battery: 108-126/216- 252 VAC, 48 to 66 Hz, 100 W max	Nickel metal hydride 1.2Ah
Battery life	8 hours of field use	8 hours of field use	12-15 hours	n/a	3000 scans from fully charged battery
Display	16 characters x 2 lines LCD	Transflective graphic	16 characters x 2 lines LCD	Full 8-digit LCD	64 x 240 pixel graphic LCD
Overall dimensions	38.5 cm x 29 cm x 12.5 cm	35.5 cm x 4.5 cm x 5 cm	19.8 cm x 15.5 cm x 10.1 cm	25 cm x 60 cm x 73 cm	27.5 cm x 25 cm x 3 cm
Weight	1.5 kg	0.975 kg	2.00 kg	43 kg	1.8 kg
CONVEYOR					
Optional/integral?	n/a	Optional	Optional (Li-3050C)	Integral	n/a
Max object width		15 cm	12.7 cm		
Min object width		1 mm	1 mm		
Object thickness		15 mm	7.5 mm		
Length		3 m	unlimited		
Resolution		1.0mm ²	1.0mm ²		
Accuracy			±2.0%		
Mechanism		glass drum	rugged clear vinyl		
Power		100 VAC, 60 Hz or 220 VAC, 50 Hz	115/230 VAC, 50/60 Hz, 20 Watts maximum		

	CID Bio-Science		LI-COR		ADC BioScientific LTd
Specification	CI-202	CI-203	LI-3000C	LI-3100C	AM350
Dimensions		32 cm x 18 cm x 13 cm	27.9 cm x 27.9 cm x 38.1 cm		
Weight		2.95 kg	7.7 kg		

*Accuracy specifications change with size of measured object for all instruments