



High-Performance Cell Counting Made Affordable

LUNABX7TM

Automated Cell Counter



www.logosbio.com



biosystems
by ALIGNED GENETICS

LUNABX7™

Automated Cell Counter

Introducing the LUNA-BX7™:

High-performance, affordable cell counting focused on brightfield optics.

Retaining core features of the flagship LUNA-FX7™, it offers advanced performance tailored for trypan blue and other viable stains.

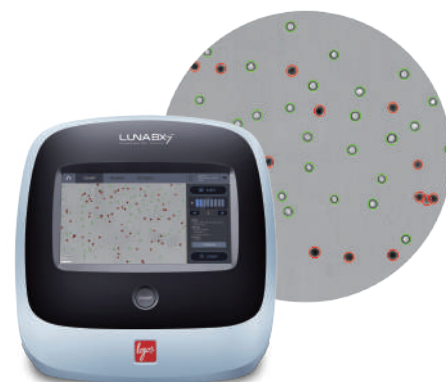
Designed based on customer feedback, the LUNA-BX7™ delivers flexibility, reliability, and unmatched value in automated cell counting.

High-Performance Cell Counting

Experience unparalleled precision and accuracy in cell counting with the LUNA-BX7™.

The LUNA-BX7™ combines advanced high-resolution imaging capabilities with an enhanced counting volume by analyzing multiple fields of view for every count.

Additionally, our state-of-the-art cell counting algorithm, powered by machine learning, further elevates the accuracy and reliability of your results, ensuring more accurate counts.








Higher Throughput and Versatile Slide Options

The LUNA BX7™ is designed to be compatible with several slide options, from single chamber to 8-chamber. Our 8-chamber slide allows you to quickly count a large number of samples and is perfectly compatible with a multi-channel pipette for increased ease of use. For applications involving limited, precious samples, the 1-channel slide maximizes the counting volume while ensuring accurate results. The 3-chamber slide provides the ability to combine and average replicate results. Whether your applications is single cell analysis, clinical, or production in a GMP environment, the LUNA-BX7™ is an ideal choice.

Eco-Friendly Reusable Slides

Incorporating our eco-friendly reusable slide will help minimize unnecessary waste in your lab.

A reusable slide not only reduces your environmental footprint; it helps contribute to a more sustainable approach to scientific research.

	LUNA™ 1-Channel Slides	LUNA™ Cell Counting Slides	LUNA™ 3-Channel Slides	LUNA™ 8-Channel Slides	LUNA™ Reusableslide
Compatible slides					
Sample throughput	1 sample	Up to 2 samples	Up to 3 samples	Up to 8 samples	1 sample
Sample loading volume	50 µL	10 µL / chamber	10 µL / chamber	10 µL / chamber	10 µL
Maximum analysis volume	5.1 µL	1.3 µL / chamber	1.3 µL / chamber	0.5 µL / chamber	1.3 µL

All-in-One Performance and Integrated Connectivity

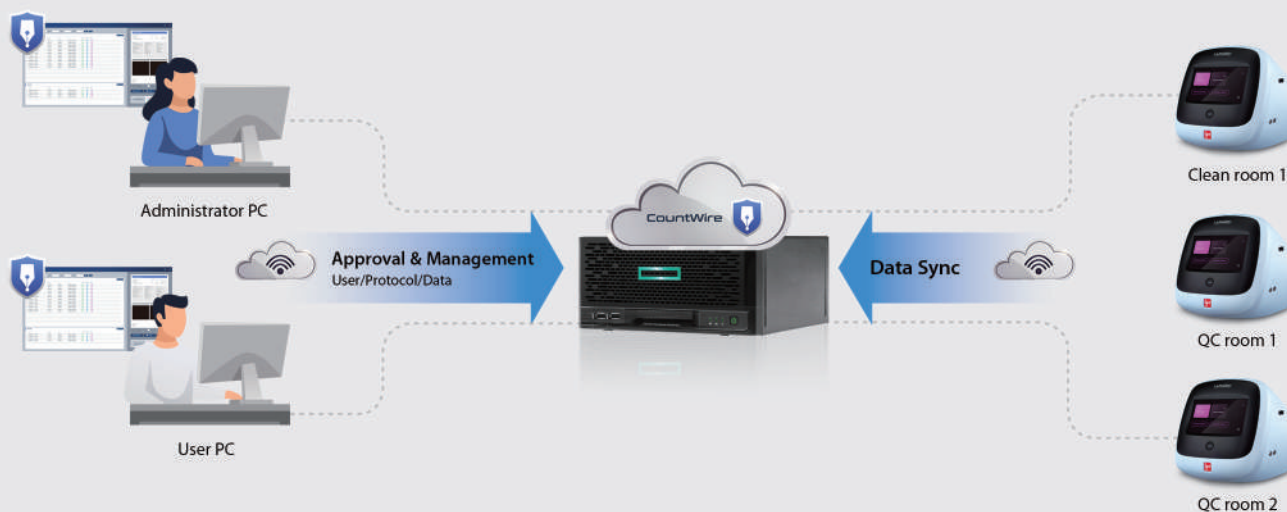
Experience seamless operation with the LUNA-BX7™'s integrated on-board analysis and intuitive, user-friendly interface. This powerful system is complemented by effortless data transfer capabilities, allowing you to easily transfer results through Ethernet and Wi-Fi connectivity.

The integrated connectivity of the LUNA-BX7™ enhances your workflow efficiency while protecting data security, making your cell counting processes smoother and more effective.



IQ/OQ and 21 CFR Part 11 Ready

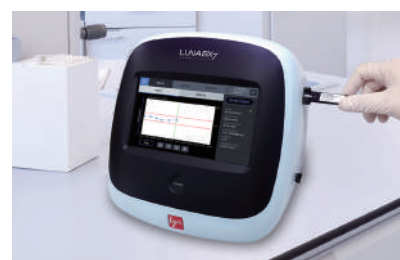
Ensure full compliance and validation with the optional Qualification and Operational (IQ/OQ) protocol installation. In addition, CountWire™ software is an excellent add-on for labs operating under GMP regulations requiring 21 CFR Part 11 compliance, giving you the confidence you need to maintain regulatory standards. These features can be installed when the system is purchased or later as protocols change or your budget allows.





Quality Control

Our pre-printed validation slide and built-in QC software ensure reliability and accuracy of the LUNA-FX7™. The QC mode allows daily performance checks to verify and maintain the instrument's precision and accuracy.

Together, the validation slide and built-in QC mode provide the ultimate solution for maintaining the highest standards in your cell counting processes.



Specifications

LUNA-BX7™ Automated Cell Counter, L90001		LUNA-BX7™ Automated Cell Counter, Bioprocess L90002	
			
Onboard storage	250 GB	1 TB	
Software	Standard software	Bioprocess software	
Cell diameter range	Detectable: 1-90 µm, optimal: 3-60 µm		
Optics	Brightfield		
Focusing	Auto Focus / Manual Focus		
Display	7" Capacitive touch screen LCD		
Data format	PDF, CSV, TIFF		
Data export	USB, WiFi, Ethernet		
Printer	External printer (optional)		
21 CFR Part 11	CountWire™ software (optional)		
User management	CountWire™ software (optional)		
IQ/OQ	Yes (optional)	Yes	
Dimensions	245 x 280 x 240 mm		
Weight	4.5 kg		

Ordering Information

LUNA-BX7™		L90001	LUNA-BX7™ Automated Cell Counter	1 unit
		L90002	LUNA-BX7™ Automated Cell Counter, Bioprocess Package	1 unit
Counting Slides	1-channel slides	L72011	LUNA™ 1-Channel Slides, 50 Slides	1 box
		L72012	LUNA™ 1-Channel Slides, 500 Slides	10 boxes
		L72013	LUNA™ 1-Channel Slides, Sterile - gamma-irradiated, 500 Slides	10 boxes
	8-channel slides	L72001	LUNA™ 8-Channel Slides, 50 Slides	1 box
		L72002	LUNA™ 8-Channel Slides, 500 Slides	10 boxes
		L72003	LUNA™ 8-Channel Slides, Sterile - gamma-irradiated, 500 Slides	10 boxes
	3-channel slides	L72021	LUNA™ 3-Channel Slides, 50 Slides	1 box
		L72022	LUNA™ 3-Channel Slides, 500 Slides	10 boxes
		L72023	LUNA™ 3-Channel Slides, Sterile - gamma-irradiated, 500 Slides	10 boxes
	2-channel slides [Brightfield]	L12001	LUNA™ Cell Counting Slides, 50 Slides	1 box
		L12002	LUNA™ Cell Counting Slides, 500 Slides	10 boxes
		L12003	LUNA™ Cell Counting Slides, 1000 Slides	20 boxes
Validation Slides		L72041	Cell Counter Validation Slide-BF II	1 unit
Reagents	T13001	Trypan Blue Stain, 0.4%	2 x 1 mL	
	T13011	Trypan Blue Stain, 0.4%, Sterile-filtered	2 x 1 mL	
	L13002	Erythrosin B Stain	2 x 1 mL	
Software	L71001	CountWire™ Basic	1 set	
	L71002	CountWire™, Additional PC License	1 unit	
IQ/OQ	L94003	LUNA-BX7™ IQ/OQ Protocol	1 copy	
	L94005	LUNA-BX7™ PQ Protocol	1 copy	
Printer-related Items		P17011	LUNA™ Printer III	1 unit
		P17002	Thermal Printer Refills, Paper and Ribbon	2 x 5 rolls

UPGRADE : LUNA-BX7™ to LUNA-FX7™ Ordering Information

LUNA-BX7™ upgrade to LUNA-FX7™	L95001	Upgrade Package from LUNA-BX7™ to LUNA-FX7™ (L90001 to L70001)	1 unit upgrade
	L95002	Upgrade Package from LUNA-BX7™ to LUNA-FX7™ (L90001 to L70001) Bioprocess	1 unit upgrade
Additional slide option available after to LUNA-FX7™ upgrade	L12005	PhotonSlide™, 50 Slides	1 box
	L12006	PhotonSlide™, 500 Slides	10 boxes
	L12007	PhotonSlide™, 1,000 Slides	20 boxes
Validation Slides option after upgrade	L72030	Cell Counter Validation Slide-FL	1 unit
Reagents available after upgrade	L73101	LUNA-FX7™ Calibration Beads Kit	1 kit
	F23001	Acridine Orange/Propidium Iodide Stain	2x0.5 mL
	F23011	Acridine Orange/Propidium Iodide Stain, Sterile-filtered	2x0.5 mL
IQ/OQ Protocol option after upgrade	F74003	LUNA-FX7™ IQ/OQ Protocol	1 copy
Printer options after upgrade	P17011	LUNA™ Printer III	1 unit
	P17002	Thermal Printer Refills, Paper and Ribbon	2x5 rolls

* all items listed in this section are compatible only after upgrade from LUNA-BX7™ to LUNA-FX7™

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