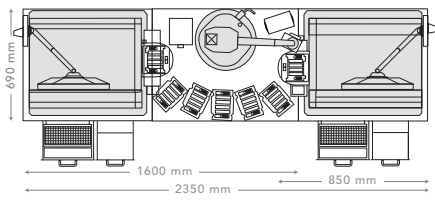


Summary

The iScan system is a cutting-edge dedicated array instrument supporting a wide breadth of applications. The system can also be easily expanded to meet changing throughput needs. An industry-leading support organization helps ensure that researchers get the most out of their iScan system.

As the pace of genetic studies increases, researchers can't afford lengthy studies. The iScan system harnesses the high data quality that Illumina genetic analysis products deliver and provides a faster path to discovery and publication. For more information about Illumina's genetic analysis products, visit www.illumina.com.

Figure 2: iScan System Dimensions



Even a dual-scanner AutoLoader 2.x configuration easily fits on typical lab benches. System height excluding monitor is 510 mm.

Table 2: Scanner Specifications

Parameter	Specification
Field of View	1 mm wide
Pixel Resolution	0.54 µm
Laser Excitation	532 nm and 658 nm dual-laser excitation
Emission Spectra	550–600 nm and 677–697 nm
Image Registration	Automatic
Data Extraction	Automatic
Image File Output	TIFF or JPG data file output with automatic image quality analysis (uncompressed or compressed)
Data File Output	IDAT (Illumina proprietary format)
Detector A-to-D	16 bit
Limit of Detection	5 fluor/µm ² (Cy3 or Cy5)
Input Voltage	100-240 VAC 50/60 Hz, single phase
Input Power	3 A (110V); 1.5A (220V)
Dimensions	52 cm (width) x 45 cm (height) x 66 cm (depth)
Dimensions of Air Table	61 cm (width) x 6 cm (height) x 69 cm (depth)
Weight	65 kg

Table 3: Site Requirements

Parameter	Specification
Power	Dedicated circuit, 100–120/200–240 VAC, 50/60 Hz, 360 VA, 15A for 110V Reader/12A for 220V Reader
Pressured Pneumatic Line	30–35 psi pressurized air for isolation table with 5 µm element filter
Environmental Conditions	<ul style="list-style-type: none"> Up to 2,000 m elevation 10–30°C 10–90% relative humidity Overvoltage II installation category

Ordering Information

Product	Catalog No.
iScan System, 110V/220V	SY-101-1001
AutoLoader 2.x, Single-Scanner Configuration, 110V/220V	SY-202-1001
AutoLoader 2.x, Dual-Scanner Configuration, 110V/220V	SY-202-1002
GoldenGate Product Option Kit, 110V (220V)	SE-101-1001 (1002)
Gene Expression (IVT) Product Option Kit, 110V (220V)	SE-101-1003 (1004)
Universal Starter Kit, 110V (220V)	SE-101-1005 (1006)
Infinium Genotyping LIMS Server System, 110V (220V)	WG-15-103 (104)
GoldenGate Genotyping LIMS Standalone Server, 110V (220V)	SC-35-101 (102)
GoldenGate Genotyping LIMS Upgrade, 110V (220V)	SC-35-103 (104)
GoldenGate Genotyping and Infinium Automation, Post-Amplification LIMS-ready, 110V (220V)	SC-30-403 (404)
GoldenGate Genotyping and Infinium Automation, Post-Amplification, 110V (220V)	SC-30-401 (402)

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