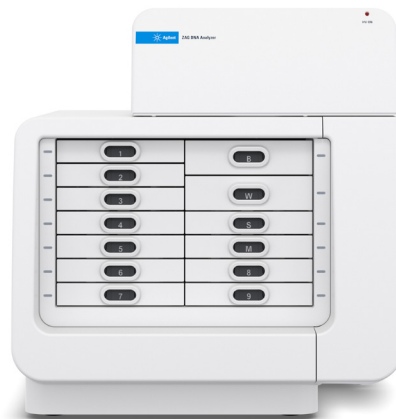


Agilent ZAG DNA Analyzer System

Automated DNA Fragment Analysis for High-Throughput Labs



Automated, high-throughput DNA fragment analysis

The Agilent ZAG DNA Analyzer system simplifies DNA fragment analysis by eliminating labor intensive and time-consuming agarose gel electrophoresis. Designed to eliminate fragment analysis bottlenecks, the system offers minimal separation times, allowing for the analysis of thousands of samples per day.

Four dsDNA analysis kits are optimized for different sizing ranges and resolutions, making the ZAG DNA Analyzer system ideal for various applications. A few examples include PCR amplicon analysis, genotyping, restriction digest analysis, and microsatellite/SSR analysis. Intuitive ProSize data analysis software allows for automated data processing, including advanced flagging of wells that meet user-defined criteria for rapid sample screening. Additionally, data can be exported for seamless integration with an existing LIMS system, helping to make your workflow even more efficient.

Key Features

- **High sample capacity:** Analyze up to 4,608 samples in a single day through the consecutive and unattended analysis of nine, 96-well plates.
- **96-capillary array:** Choose between two lengths of 96-capillary arrays optimized for faster run times or higher resolution.
- **Simple sample preparation:** Single dilution of 2 μ L sample into supplied dilution buffer.
- **Economical:** Low operational cost.
- **Wide dynamic range:** Input concentration of 0.5 to 50 ng/ μ L for all analysis kits.
- **Versatile:** Separate DNA fragments from 35 to 20,000 bp and automatically switch between application kits with two gel lines.
- **Fast:** Separate 96 samples in as little as 20 minutes.
- **High-resolution:** Separate fragments differing by only 3 bp at or below 300 bp in length.

Specifications

ZAG DNA Analyzer System	
Weight	68 kg (150 lbs)
Dimensions (w x d x h)	63 x 59 x 82 cm (25 x 23 x 32 inches)
Line frequency	47 - 63 Hz
Line voltage	100 - 240 VAC
Power consumption	150 VA
Number of samples per run	96 samples

Ordering information

ZAG DNA Analyzer System		Part number
Includes the ZAG DNA Analyzer system, computer, accessories, and user information. Capillary array ordered separately.		M5320AA
Reagent Kits		Part number
ZAG 105 dsDNA kit (1-500 bp)	High resolution separation for fragments under 500 bp	ZAG-105-5000
ZAG 110 dsDNA kit (35-5000 bp)	Broad range kit allowing for routine analysis of fragments under 5,000 bp	ZAG-110-5000
ZAG 130 dsDNA kit (75-20000 bp)	Allows for sizing of larger DNA fragments up to 20,000 bp in length	ZAG-130-5000
ZAG 135 dsDNA kit (1-1500 bp)	Rapidly size fragments up to 1,500 bp in as little as 20 minutes	ZAG-135-5000
Capillary Arrays		Part number
FA/ZAG 96-Capillary Array Short		A2300-9650-3355
FA/ZAG 96-Capillary Array Long		A2300-9650-5580

www.agilent.com/genomics/zag

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