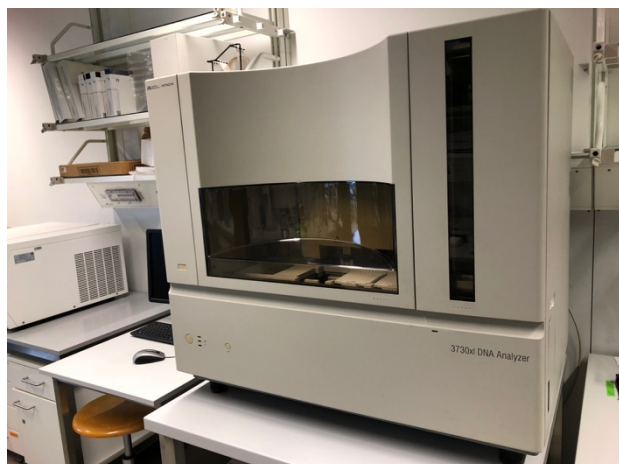


Applied Biosystems 3730XL DNA Analyzer



The 96-capillary ABI 3730XL DNA Analyzer combines reliability, high data quality, and production capacity to provide the ideal platform for rapid, accurate, cost-effective DNA analysis.

It provides a wide variety of sequencing and fragment analysis applications including resequencing, microsatellite analysis, AFLP, SNP screening and SNP validation.

Product details:

- Instrument from October 2002
- Continued yearly maintenance since 2002
- New Polymer delivery pump 2020
- New Laser 2020
- Service contract: till October 2021
- Left overs of consumables (BigDye, Sephadex, etc.)

Power requirements:

- Voltage: 200-220 or 230-240 Volt

System Dimensions:

- Width: 100 cm
- Depth: 73 cm
- Height: 89 cm
- Weight: 180 kg

Specifications:

Capacity	96-well or 384-well plates
Capillary Array length	36 cm or 50 cm
Sample volume	384 well plates = 5-30 μ l/96 well plates = 10-50 μ l
Laser	Argon-ion multi line, single mode laser: primary excitation lines 488 and 515,5 nm
Number of Capillaries	96 Capillaries
Operating Environment	18°C - 30°C, Humidity = 20 - 80%
Polymer	POP-7 robust separation matrix
Polymer Consumption	36 cm: approx. 200 μ l per run 50 cm: approx. 250 μ l per run
Plate Seal	septa seal
Read length	200-1000 bp
Temperature area	Temperature controlled oven (18-70 °C range) and detection heater
Software	Sequencing Analysis Software V6, Collection V4, SequScape V3, GeneMapper V5
Optics	In-capillary detection by dual-side illumination, Backside-thinned CCD for optical sensitivity