



Affymetrix Complete GeneChip® Instrument System

GeneChip Scanner 3000 7G with autoloader:

- > Higher resolution scanning from 0.51–2.5 μm pixelations, automatically selected by array type
- > Allows to scan next-generation higher-density arrays
- > No laser drift and reduced scanner-to-scanner variability
- > Complete walk-away scanning of up to 48 arrays at a time
- > Temperature-controlled environment to maintain long-term stability and integrity for up to 16 hours



Two Fluidics Station 450:

- > Automated washing and staining of up to 8 arrays simultaneously in 90 minutes
- > Designed and tested to operate environments running up to four daily fluidics runs per system

Hybridization Oven 645

- > Precise temperature and rotation control
- > Hybridization of as many as 64 GeneChip cartridges at one time

Affymetrix Gene Atlas System

- > New array strip format: four arrays on a single plastic support
- > Allows four samples to be processed in parallel
- > Same genomic content of cartridge-based arrays at reduced costs and time
- > Robotic arm for automated wash and stain processing



Agilent 2100 Bioanalyzer



- > For sizing, quantitation and quality control of DNA and RNA, proteins and cells
- > Minimal sample consumption
- > High quality digital data

NanoDrop® ND-1000 Spectrophotometer

- > Measure nucleic acid concentrations using only 1 μL of sample
- > Quickly and easily quantify and assess purity of different type of samples
- > No need for extra reagents



Qubit® 2.0 Fluorometer



- > Accurate measurement of DNA or RNA for rare and difficult-to-process samples
- > The fluorescent dyes are specific to the target of interest
- > Uses as little as 1 μL of sample