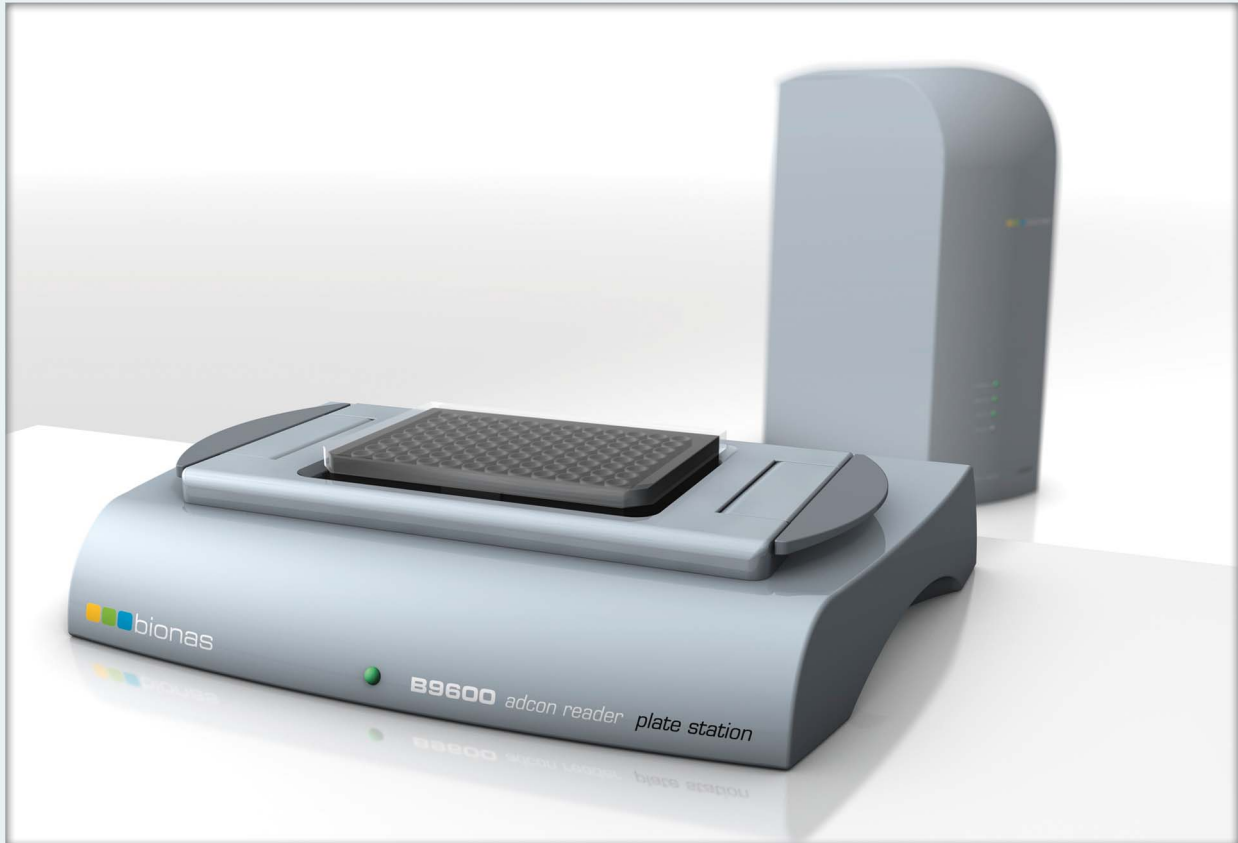


## **Bionas<sup>®</sup> 9600 adcon reader**

*impedance-based cellular analysis*



The **Bionas<sup>®</sup> 9600 adcon reader**  
- a versatile system for real-time,  
label-free cellular analysis in:

- toxicology
- oncology
- drug discovery
- cell culture optimization
- quality control of cells

The impedance technology allows label-free monitoring of dynamic cellular events for screening applications and laboratory research.

The **Bionas<sup>®</sup> adcon reader** technology allows faster classification of leads and reduces time to market. Real-time monitoring of cell impedance has been validated through the **Bionas<sup>®</sup> 2500 analyzing system** in many applications.

## key features:

- label-free
- non-invasive
- real-time data acquisition
- continuous measurement for seconds up to days
- overcomes limitations of end point analysis
- analysis in 96 well sensor plates
- simple handling
- easy upgrade to increase throughput in cell culture lab
- fully HTS compatible

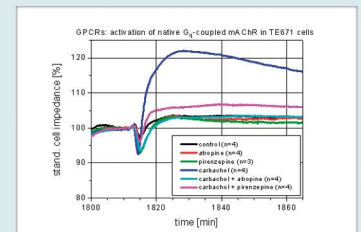


(Protected by European Patent EP 0 938 383 and non-European Counterparts.)

## applications:

The **Bionas® 9600 adcon reader** provides information about cell number and viability, morphology, adhesion/confluence, proliferation and membrane integrity for applications in

- compound mediated toxicology
- chemosensitivity & radiosensitivity of cancer cells
- receptor signalling (e.g. GPCR assays) and drug profiling
- cell culture optimization



## instrument specifications:

### plate station

- dimensions: 30.5 × 20.1 × 5.8 cm (w × d × h)
- weight: 2.0 kg
- electrical input: +5 V, -5 V
- electrical interface: handling of one **Bionas® 9600 adcon plate**
- environment: +15 °C to +40 °C,  
relative humidity: 98 % maximum without condensation



### analyzer

- dimensions: 16.0 × 27.5 × 39.5 cm (w × d × h)
- weight: 5.0 kg
- electrical input: 100 – 240 VAC, 50 – 60 Hz
- impedance measurement accuracy: ± 1.5 %
- impedance measurement repeatability: 0.8 %
- communication: USB
- environment: +15 °C to +32 °C,  
relative humidity: 80 % max. up to +32 °C, no condensation



## part of the **Bionas® label-free assay family:**

