



BIOCHEMISTRY ANALYZER

YSI-2950-D1

Used for the analysis of 16 chemical matrices from bioprocesses and cell culture, being able to perform, simultaneously, the analysis of up to 4 different compounds in the same sample, according to the model and purchased consumables. Also used in monitoring fermentation processes and bioprocesses in general (biopharmaceutical and industrial biotechnology); blood biochemical researches; food and beverage control during processing.

Technical Characteristics

YSI-2950-D1

- Combining speed and accuracy in a reliable measurement technology, the YSI 2950 promotes the following applications: - Monitoring of critical bioprocesses; - The production of biofuels; - Biochemical blood research; - Control of food and beverages during processing;
- The easiest and most cost effective way to measure the following chemicals in a wide range of matrices: Glucose, Lactate, Glutamine, Glutamate, Xylose, Ethanol, Methanol, Sucrose, Galactose, Lactose, Choline, Glycerin and Hydrogen Peroxide.;
- CHARACTERISTICS: - Touch-screen user interface; - Options for downloading data on pen-drive or via the internet; - Included memory training videos; - Programmable in English, Chinese, French, Spanish, Portuguese, German, Korean, Italian; - Uses biological separation technology; - Highly resistant to clogging, handles the highest cell counts without pre-treatment;;
- SPECIFICATIONS: Possibility to analyze up to 4 compounds at the same time Quantity of sample analyzed: from 5 to 65 µl Analysis time: up to 60 seconds Accuracy: 2% HP (depending on the analyzed parameter) Data portability: (rs-232 and rs-485) data displayed, printed and saved Calibration: user selects frequency Working temperature: from 15 to 35 °c Power: 110-120 or 220-240 vac; 50-60 Hz, 120 watts Size (wxxp in cm): 20.3x40.0x52.1. Weight 28.0 kg Automation of up to 96 samples Compliance with CE and RoHS standards;
- Note1: Includes installation and on-site training for two days;
- Note2: The membranes for the biosensors are quoted separately;

Benefits and Advantages

- The easiest and most cost-effective way to measure a wide range of matrices
- Compact, fast, accurate and excellent repeatability and reproducibility
- Intuitive display with icon-oriented user interface and a touch screen
- Automatic sampling with different types of tubes and plates
- Data file
- Export of results in Excel spreadsheet and via Ethernet.