



EZCUBE FLUOROMETER: SIMPLIFYING NUCLEIC ACID AND PROTEIN QUANTIFICATION



The **EzCube Fluorometer** is a compact, high-sensitivity benchtop system designed for accurate quantification of nucleic acids and proteins. Featuring **triple fluorescent channels**, intuitive touchscreen control, and compatibility with **EzQuant assays**, EzCube delivers reliable results from as little as **1 µl of sample**. It's the ideal choice for applications like NGS, molecular biology, and routine quantification in research labs

DETECTION MODES

- Triple fluorescent channels (Blue, Green, Red)
- DNA quantification (dsDNA, ssDNA, RNA high-sensitivity)
- Protein quantification
- UV absorbance comparison range for extended dynamic detection

KEY FEATURES

- Triple fluorescent channels: Blue (430–495 nm), Green (490–535 nm), Red (600–645 nm) excitation
- High sensitivity: detect concentrations down to 10 pg/µl with EzQuant assays
- Minimal sample requirement: only 1 µl needed
- Intuitive interface: 7" touchscreen with built-in reagent calculator
- Fast results: 2-minute incubation with EzQuant assays
- USB connectivity: seamless data export
- Compact and lightweight: glove-compatible, fits any lab bench

BENEFITS

- Enhanced accuracy: fluorescent dye chemistry ensures specificity even with contaminants
- Broad dynamic range: covers 5 orders of magnitude, outperforming UV absorbance alone
- Save time and sample: minimal volume, rapid measurement, and simplified workflow
- Easy integration: intuitive operation suitable for both routine use and advanced research
- NGS-ready: reliable quantification for sensitive downstream applications
- Portable and space-saving: compact footprint with high performance



Contact your **Lasec® Sales Representative** today.

Ts & Cs apply

+27 21 531 7504 sales@lasec.com www.lasec.com

