

DNA, RNA, and Protein Quantitation

The DQ300 Fluorometer is a compact, dual channel unit designed to produce quick, easy, and accurate fluorescence measurements.

Advantages

Choose either ultraviolet or blue excitation wavelengths

Detects DNA accurately in the presence of interfering RNA or protein

Assay low volume samples with the optional Minicell adapter

Operates in two modes: Discrete (one time 5-second average) or Continuous (user defined serial measurements)

Logs up to 1000 data points in internal memory

RS232 cable connects to the serial port of a PC and outputs results using spreadsheet supplied interface software

Includes:

- Fluorometer
- Methacrylate Cuvettes-4 pcs
- Power Supply Kit
- RS232 Serial Cable
- Spreadsheet Interface Software CD-ROM



Specification

Model	DQ300
Excitation Range: UV Channel	365 – 395 nm
Excitation Range: Blue Light Channel	465 – 485 nm
Emission Range: UV Channel	440 – 470 nm
Emission Range: Blue Light Channel	515 – 575 nm
Sensitivity	1 ng/ml DNA using PicoGreen®
	1 ng/ml RNA using RiboGreen®
	10 ng/ml DNA using Hoechst 33258
	100 ng/ml protein using NanoOrange™
Unit Dimensions (w x h x d)	14 x 6.9 x 18.4 cm
Safety Certifications	EN61010-1, UL61010-1, CSA22.2 61010-1, CE