

## DL-D50-Pro Automatic Diluter & Dispenser

### Description:

YBOTECH DL-D50-Pro is a highly precise syringe pump with a graphical user interface designed to quickly and easily dilute and dispense liquids. This positive displacement system provides better than 99% accuracy, independent of a liquid's viscosity, vapor pressure and temperature. The inert fluid path minimizes sample carry over and improves compatibility with harsh chemicals.

### Main Feature

- It is ideal for dispensing and diluting applications;
- Five operating modes enabling fast and precise operation in priming, titration, volume measurements as well as in diluting, dispensing, mixing, pipetting and rinsing;
- Easy-to-use pipelines and easy-to-switch modes;
- The high torque, precision stepper motors provide excellent accuracy;
- Full range from 250 $\mu$ L to 25mL;
- Compatible with 7 kinds of Syringes;
- Adjustable pipetting speed for 9 stages.



### Technical Specification

Model	DL-D50-Pro
Accuracy	$\pm 1\%$
Precision	$\pm 0.2\%$
Flow Rate	0.003-6000 $\mu$ L/s (depending on the syringe that is selected)
Compatible Syringes	250, 500 $\mu$ L, 1, 2.5, 5, 10, 25mL
Fluid Path	Borosilicate, PTFE, CTFE
Voltage	100-240VAC
Frequency	50/60Hz
Dimension (W×D×H)	190×180×350mm
Weight	4.5kg
Max. Relative Temperature	5-40°C
Max. Relative Humidity	80%RH

**Ybo Technologies Co., Ltd.**

23th Floor, Building A, Future Tower, No. 711 Luzhou Avenue, Hefei, Anhui, China

E-mail: [info@ybotech.com](mailto:info@ybotech.com)

Website: [www.ybotech.com](http://www.ybotech.com)