



## QPrep Automatic Dilutor

Dilution  
Transfers  
Dispensing



**Q-Prep is the first automatic dilutor capable to prepare up to 360 samples in one cycle**

- One instrument for dilution, dispensing and transfer
- Prepare up to 6 racks of samples
- Ideal for the samples analyzed by ICP-OES, ICP-MS, AA etc.
- Protects the users by automatizing acid manipulations
- Remove human errors
- Reduce the cost of sample preparation
- Speed, safe, repeatable

- Accommodates 6 standard autosampler racks with 360 sample tubes capacity
- Dilution factor and dispensing volume programmable for each rack or for each sample
- Prepare calibration standards and QC samples from a multi-solution
- Spikes sample with internal standards
- All-plastic construction for corrosion- and contamination-free operations
- **Precision** 0.02 ml accuracy in handling reagents with a 5 mL syringe.
- Ultra-precise position of the sample probe
- Peristaltic pump available to improve cleaning hoses
- Choice of all-plastic housing for extreme corrosion resistance
- Graphic and intuitive software



**Dilute, disperse and transfer reagents for a high number of samples, precisely, quickly and automatically.**

## Features

Accuracy:	0.02 ml in handling reagents. Unique combined action of syringe pump and peristaltic pump delivers unmatched accuracy, flexibility and speed
Syringe capacity:	5, 10 or 20 ml
Reagent flow rate:	0.5 to 2 ml/s
Probe:	Teflon®-coated rigid graphite for accuracy of vial access and easy of cleaning
Racks:	Multiple types & size at the same time software configurable
Acids:	all types including HF acid
Material:	All-plastic construction for corrosion- and contamination- free operations All wetted surfaces Teflon base except syringe bore (standard). All TFM syringe is an option.
Method:	Driven by user-specified methodology through integrated PC software
Software:	An effective and intuitive software



Multiple configuration



User friendly software



## Technical Specifications

Number of racks:	Up to 6 standard autosampler racks
Tubes capacity:	Up to 360
Probe position accuracy:	0.3 mm movement with encoder base stepper drive
Electrical:	100 to 240 VAC, 50/60 Hz
Computer:	Windows XP or 7 OS PC with one USB port.
Dimensional:	Width x Depth x Height : 92 x 48 x 48 cm (36 x 19 x 19 in)
Weight:	35 kg. (77 lbs.)