

# EasyPREP TitreC

## Automated Multiparameter Analysis

- pH
- Titration
- Electro conductivity
- Alkalinity



**SCP SCIENCE**

Providing Innovative Solutions to Analytical Chemists

  
**QUANTANALITICA**

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## OVERVIEW:

Automated multiparameter analysis system:

- pH measurement
- pH adjustment (end point titration)
- Alkalinity
- Electro conductivity

## FEATURES:

- Robust, reliable, fast response pH and conductivity probes.
- 3 to 10 pH range (0.01 pH sensitivity).
- 0 to 10 000 mS/m conductivity range (0.01 mS/m conductivity resolution).
- Variable speed stirring.
- Sample volume as low as 40 ml.

## CORROSION RESISTANCE:

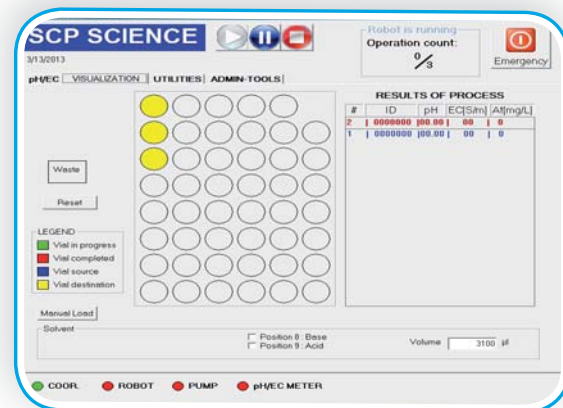
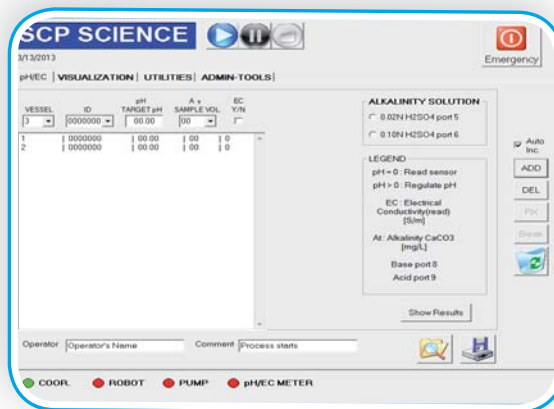
- Acid resistant housing and components.
- Acid and base dispensing using a chemical resistant ceramic switching valve.
- Electronic cards with special coating to prevent against vapor attack.

## BENEFITS:

- Robotics automate analytical procedures.
- Bidirectional titration with both acid and base channels.
- Galvanic isolation of transmitters to perform stable measurement of all parameters.
- Efficient washing station to avoid cross contamination between samples.
- User friendly software.
- Improve measurement accuracy and reproducibility.
- Reduce labor costs and increase sample throughput.

## LIQUID HANDLING SPECIFICATIONS:

- Fully automated, precision motorized syringe pump.
- Wetted parts made of PTFE, PEEK, glass and ceramic.
- Minimum dispensing volume of titrant: 50 µl (RSD < 3%).



CONFIGURATION CHART		
Item	Description	Catalogue #
EasyPREP TitrEC	EasyPREP TitrEC (110V/230V)	010-410-001
Syringe	1 ml (comes with 1/32" ID tubing and fitting)	010-400-010
Probes	pH Probe for TitrEC	010-410-010
	Conductivity Probe for TitrEC	010-410-012
Racks	Rack, 100ml DigITUBEs, 47 positions	010-410-014
Stirrer	Blade Stirrer	010-410-016

SPECIFICATIONS		
INSTRUMENT DIMENSIONS	Length	60 cm / 23.6 in
	Depth	55 cm / 21.6 in
	Height	61 cm / 24 in
	Weight	27 kg / 59.5 lb
	Speed	200 mm/s
ELECTRICAL FEATURES	Power	110~220V, 50~60Hz, 1.5A
	Communication Port	USB

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