

HIGH PRECISION DOUBLE PISTON PUMP 6000



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

▶▶ INTRODUCTION

P6000 HPLC pump is a precision delivery system that working chiefly by means of CPLD technology, and controlled by micro-processor. It based on all-digital frequency generating system, advanced motor driver system and friendly man-machine interface. Operating and controlling become more and more easily. Advanced pump head and check valve combine the most successes experience in the world today and private user's high performance of delivery precision and reproducibility.

▶▶ P6000 HPLC Pump working mode

P6000 HPLC pump can be conFig.d depend on what the users want:

Iso-Pump for preparative use	P6100 0.1~99.9ml/min P6250 0.1~249.9ml/min P6500 0.1~499.9ml/min P61000 0.1~999.9ml/min
Used as HPG Mode for preparative application	In combination with additional P6000 pumps, system capability can be expanded up to quaternary high-pressure gradient.

▶▶ FEATURES

Interchangeable Pump head	Provide 100ml, 250ml, 500ml and 1000ml pump head according to the using environment
Washing Piston rod	The pump working pressure can be automatic calibrated only by press a key before using.
Interactive interface	Using 320x240 LCD display, it is very easy for user to edit programs and more information will be appeared in the screen
Product's information	By checking the product's information, you can find the serial Number, the CMC permission number, the installation date, the total running time and etc. It helps the user decide when the instrument should be maintenance.

►► SPECIFICATIONS

Delivery method	double pistons,main&auxiliary
Maximum working pressure	P6100 20Mpa P6250 15Mpa P6500 10Mpa P61000 5Mpa
Flow Range	P6100 0.1-99.9ml/min P6250 0.1-249.9ml/min P6500 0.14-99.9ml/min P61000 0.1-999.9ml/min
Flow rate accuracy	±2%
Flow rate precision	RSD<0.1%
Display	320*240 blue background color
Protection	Pmix&Pmin Data automatically saved after power down
System connection	1/8 capillaries
Control	Stand-alone mode by front keyboard HPG mode:one pump works as master,other works as slave RS232 by PC using communication protocol
Dimensions (Width x height x depth)	400x270x1800mm
Weight	15kg

▶▶ Regulatory compliances



▶▶ Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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