

# 3006

---

## Intelligent Dispensing Peristaltic Pump



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

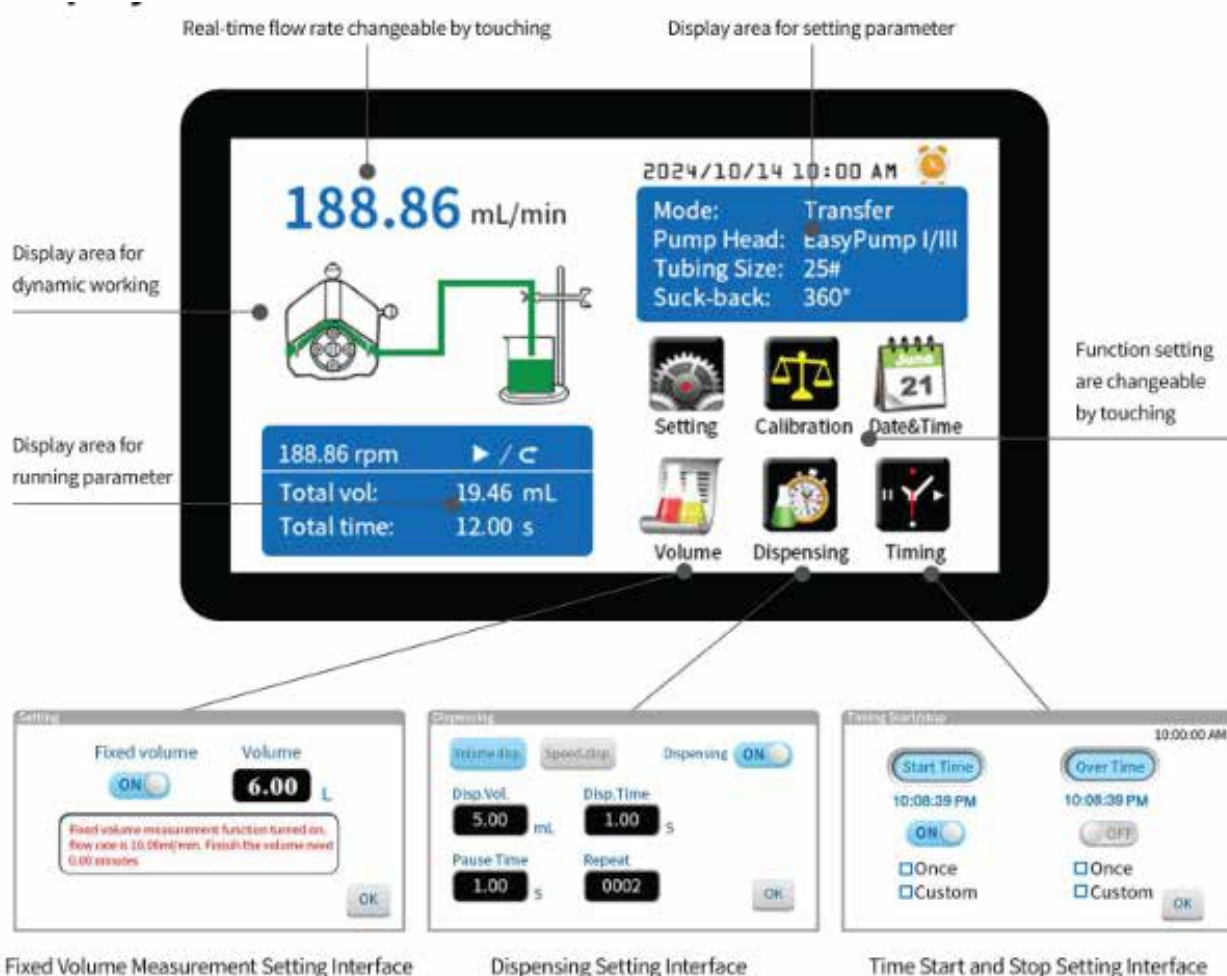
An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## Features:

- Industrial grade 4.3" true color LCD screen, touch screen control.
- Mechanical keypad control pump start, stop, full speed and direction.
- Dynamic display transferring status. Flow rate data, setting parameters and system configuration display in the same screen.
- 3 Kinds of working mode: fixed volume metering, fixed time and volume, timer start and stop, meet different transferring and dispensing request.
- Intelligent calibration function and on line micro adjusting function.

## Screen Display:



## PumpHead:

Drive	Pump head	Tubing Size	Speed	Flow rate (mL/min)
3006	PumpI/111	13#,14#,19#,16#,25#,17#,18#		0.0053-2580
	PumpII/IV	-		-
	PumpV/VI	13#,14#,19#,16#		0.0053-560
	2*PumpI/III	13#,14#,19#,16#,25#	0.1-600rpm	0.0053-1180
	2*PumpII/IV	-		-
	2*PumpV/VI	13#,14#,19#,16#		0.0053-560

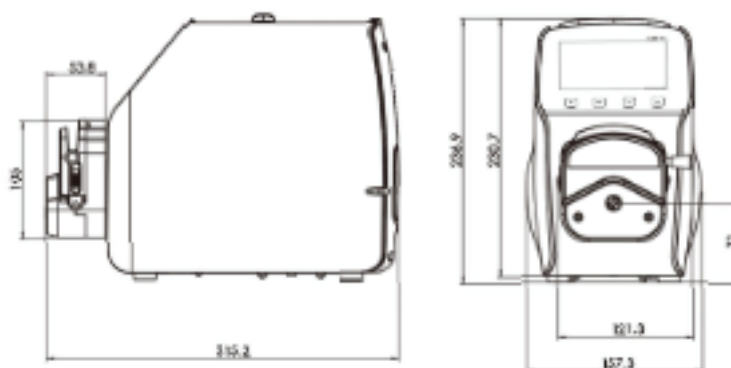
## Pump Head & Flow Rate :

Pump Head	Tubing	ID<Wall thickness(mm)	ml/ r	Flow Rate(mL/min) (0.1-600rpm)	Tubing Max.Pressure(Mpa)		Weight(kg)
					Intermittent	Continuous	
Single Channel  Pump I/III	13#	0.81.6	0.053	0.0053-32		0.17	0.6
	14#	1.6x1.6	0.27	0.027-162			
	19#	2.41.6	0.55	0.055-330	0.27		
	16#	3.1x1.6	0.933	0.0933-560			
	25#	4.8x1.6	1.967	0.1967-1180			
	17#	6.4x1.6	3.333	0.3333-2000	0.24	0.14	
	18#	7.91.6	4.3	0.43-2580	0.14	0.10	
Dual Channel  Pump V/VI	13#	0.81.6	0.053	0.0053-32	0.10	0.07	
	14#	1.6x1.6	0.27	0.027-162	0.27	0.17	
	19#	2.41.6	0.55	0.055-330			
	16#	3.11.6	0.933	0.0933-560			
	25#	4.8x1.6	1.967	0.1967-1180	0.24	0.14	

## Technical Specification:

Flow rate range	0.0053-2580ml/min
Flow rate resolution	0.01ml/min
Speed range	0.1-600rpm
Speed resolution	0.01rpm
Dispensing volume	0.01-9999mL
Volume resolution	0.01ml
Dispensing time	0.1-9999s
Pause time	0.1-9999s
Time resolution	0.01s
Repeat number	1-9999 times, setting "0" as infinite/ continuous dispensing
Flow rate accuracy	<±0.5%
Back suction angle	0-360°
Motor type	Stepper motor
Display	4.3 inch-industrial grade-True color LCD screen
Control method	Touch screen and Mechanical keypad
Keypad lifetime	300,000 times
External control signal	0-5V,0-10V,4-20mA for option
Start/stop,change direction signa	Passive switch signal,such as:foot pedal switch,Active switch signal:5V-24V
Communication interface	RS232,RS485 support MODBUS protocol(RTU mode)
Output interface	Output motor working status(Open-Collector output)
Power supply	220V + 10%50Hz/60Hz (standard),110V +10%50Hz/60Hz (optional)
Drive dimension (LxWxH)	259X157X237(LXWXH)
Drive Weight	4.40kg
Power consumption	<80W
condition temperature	0-40°C
Relative humidity	<80%

## Dimension Drawing (Unit:mm)



## HPLC Servicing, Validation, Trainings and Preventive Maintenance :

**HPLC Servicing** :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

**Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

**AMC's/CMC** :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

**Validations** :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

**Instruments** :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



## About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufaturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

## Our Products & Technologies



UV-TS 2080



Infra FTIR



Optima Gas  
Chromatograph  
3007



Optima Gas  
Chromatograph



Flash  
Chromatograph



Atomic Absorption  
Spectrophotometer



Liquid Partical  
Counter



Optical Emission  
Spectrophotometer



STA



Semi Auto Bio  
Chemistry Analyzer



LCMS



GCMS



XRD



Total Organic  
Carbon 3800



Fully Automated  
CLIA



NOVA-2100  
Chemistry Analyzer



PCR/Gradient PCR/  
RTPCR



TOC  
Analyzer



Laser Particle  
Size Analyzer



Ion Chromatograph



Water purification  
system

## Regulatory compliances



## Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



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](mailto: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.

## Reach us @



**HPLC Solutions   MultipleLabs   Analytical Bio-Med   Analytical Distributors   Analytical Foundation (Trust)**

**Corporate & Regd. Office:**  
Analytical House, # E67 & E68,  
Ravi Park, Vasna Road, Baroda,  
Gujarat 390 015. INDIA

T: +91 265 2253620  
+91 265 2252839  
+91 265 2252370  
F: +91 265 2254395

E: [info@hplctechnologies.com](mailto:info@hplctechnologies.com)  
[info@multiplelabs.com](mailto:info@multiplelabs.com)  
[info@analyticalgroup.net](mailto:info@analyticalgroup.net)  
[info@analyticalbiomed.com](mailto:info@analyticalbiomed.com)

W. [www.analyticalgroup.net](http://www.analyticalgroup.net)  
[www.hplctechnologies.com](http://www.hplctechnologies.com)  
[www.multiplelabs.com](http://www.multiplelabs.com)  
[www.ais-india.com](http://www.ais-india.com)

Sales & Support Offices:  
across the country :  
Distributors & Channel  
partners World Wide