



## **Agrosta® Peristaltic pump**

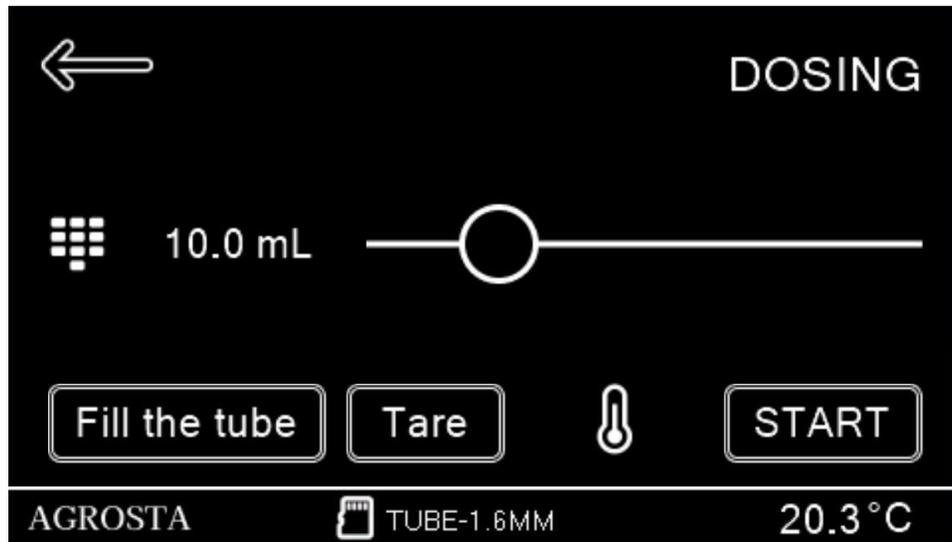
For laboratory, automatic samplers, chemistry, medical biology, microbiology, food, pharmacy, cosmetic, culture media preparation and more...



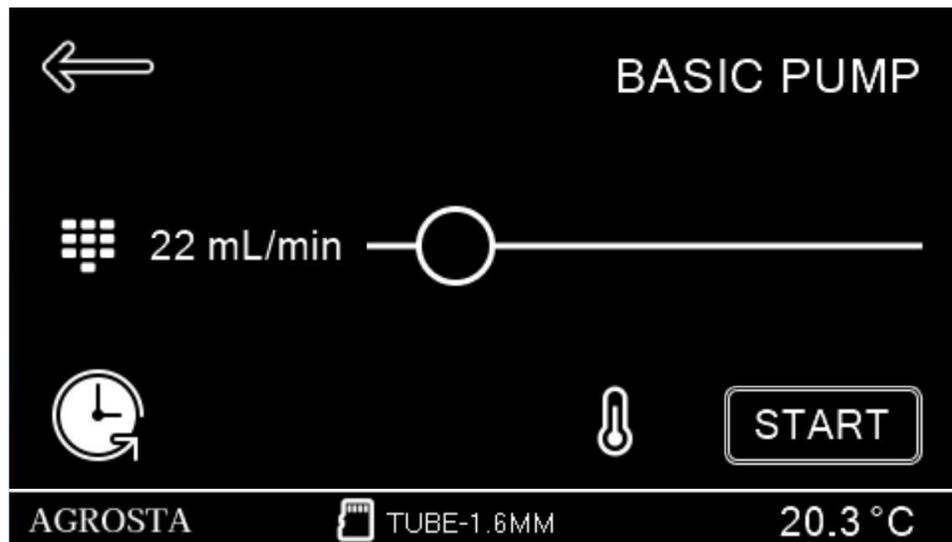
### **For laboratories:**

Our Peristaltic dispensing pump is designed to be an accurate and reliable measuring solution for laboratories. This dispensing pump has 3 dispensing modes:

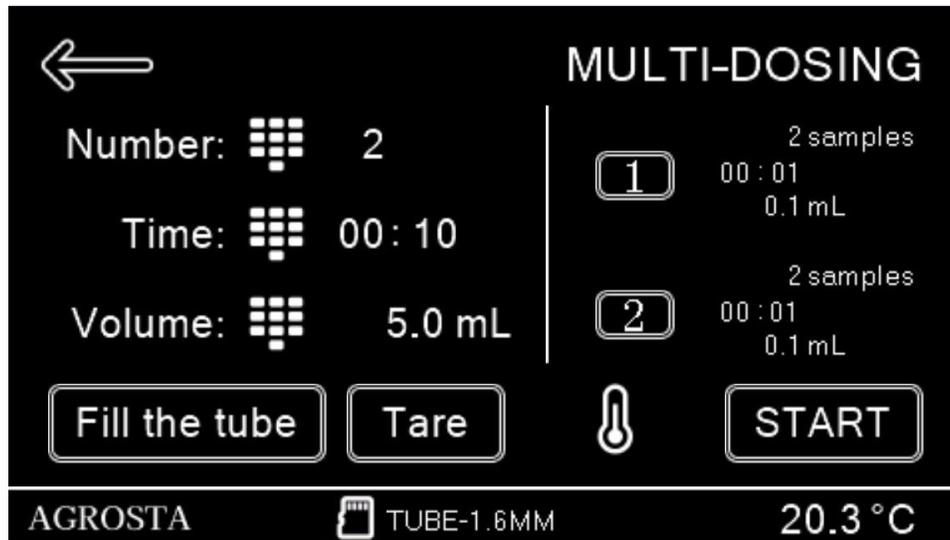
- **DOSING-MODE** with adjustable volume.



- **BASIC PUMP** with adjustable flow rate and duration.



- **MULTI-DOSING** with adjustable numbers of samples, volume and time between samples.



## Control and accuracy:

Our pump is equipped with a latest generation pump head which allows rapid tubing loading, stainless steel 6 rollers for extreme durability and lower pulses, self-adapt to different tube sizes.

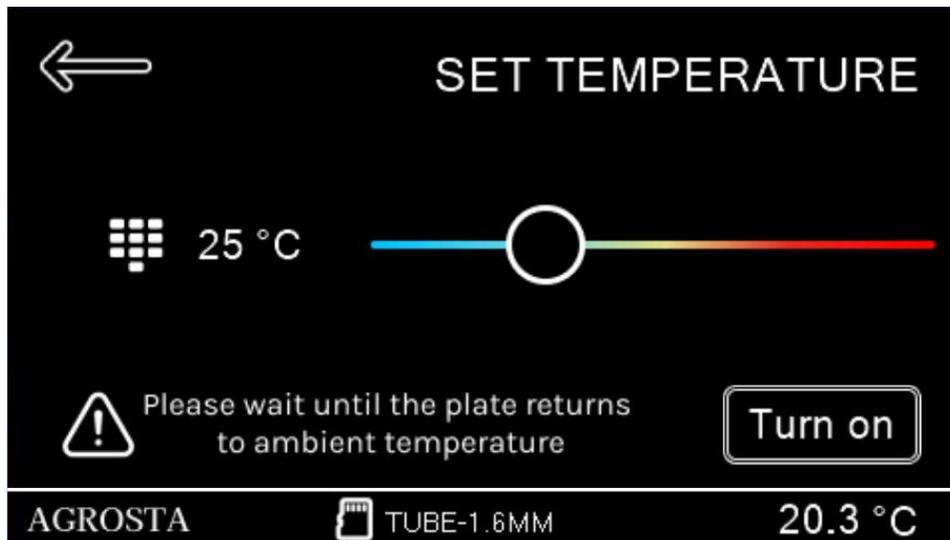
Accuracy with a $\varnothing 3.2\text{mm}$ tubing	
<b>9 mL</b>	<b>18 mL</b>
0.5%	0.3%

This peristaltic pump easily calibrates and offers unlimited number of calibrations to adapt to any configuration.

## Heating – Cooling block:



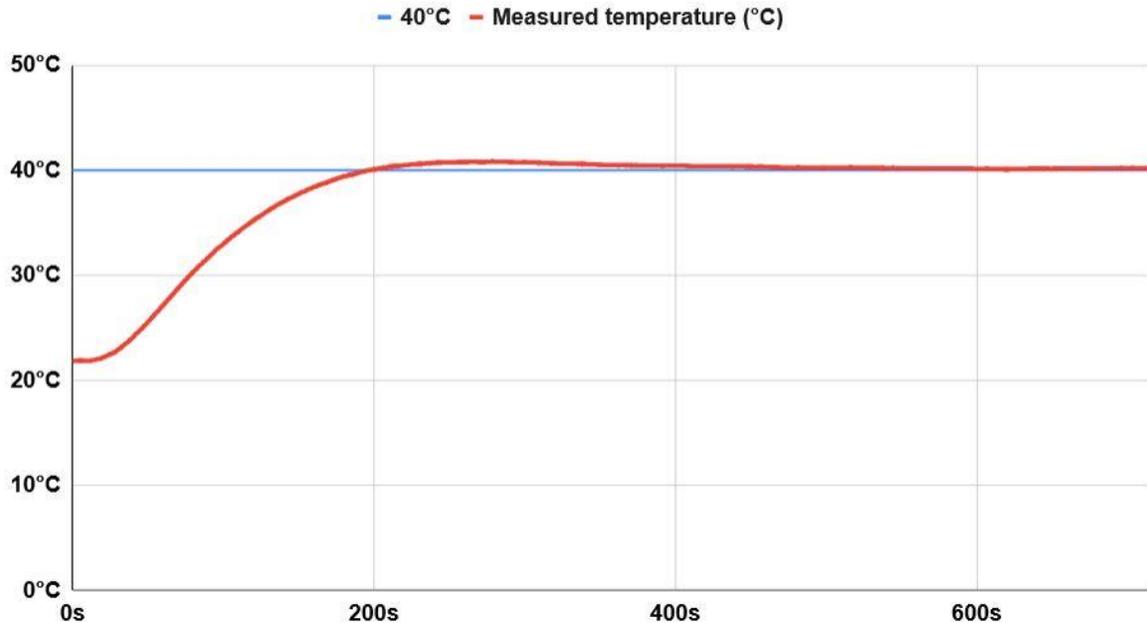
This pump is equipped with a Heating-Cooling block which is a very effective instrument of sample preparation during enzyme reactions, hybridization reactions, DNA analysis.



This block is regulated by a PID guaranteeing a rapid change of temperature without overshooting to ensure that your sample stays in its temperature range.



## HEATING MODE



GENERAL SPECIFICATIONS	
Temperature modes	Cooling / Heating
Dispensing modes	Multi-dosing / Dosing / Constant flow rate
Power	250V – 100W
Fuse	10A 250V
Weight	3Kg
Dimension	185mm*180mm*140mm (without the pump head)
Rollers	6 (low liquid pulse)
Tubes (external diameter in mm)	From 3mm to 10mm
Supplied tube	Pharmed BPT (life time >1000h)
Pressure rating	Up to 3 bar
Max DB	65db
Calibration	Unlimited data
Guarantee	2 years full guarantee
Custom design/software	In option
DOSING SPECIFICATIONS	
Speed	170RPM
Flow rate	From 0mL/min to 300mL/min (depend on tube diameter)



<b>Volume</b>	From 0mL to 1L
<b>MULTI DOSING SPECIFICATIONS</b>	
<b>Personalized programs</b>	2
<b>Speed</b>	170RPM
<b>Flow rate</b>	From 0mL/min to 300mL/min (depend on tube diameter)
<b>Volume</b>	From 0mL to 1L
<b>Samples</b>	From 2 to 99
<b>Pause time</b>	From 1s to 60min
<b>CONSTANT FLOW RATE</b>	
<b>Speed range</b>	From 5RPM to 170RPM
<b>Dispensing time</b>	From 1s to endless
<b>TEMPERATURE CONTROL</b>	
<b>Temperature range</b>	-10°C to 60°C
<b>Temperature accuracy</b>	±0.5°C
<b>Heating power</b>	≈ 90W

