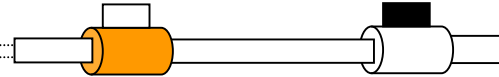



QCM Pump User Notes


Model: Ismatec IPC-N 4




Standard tubing is 'orange/white', ID 0.64 mm




To enter tubing ID

Hold down ^{settings}  while turning power on to enter Basic Settings menu


Press ^{ok}  when it says TUBE



Use   to enter correct value then ^{ok}  to enter value



Press ^{escape}  twice to exit Basic Settings

Pumping by flow rate

Make sure correct tubing ID is entered as above


Press  if necessary so that **PUMP% • Flow rate** is selected



Enter flow rate using   ; values are in ml/min unless a μ is displayed for μ l/min



Press  to start; press and hold  to run at maximum speed for fast filling or emptying

Dispensing by volume

Make sure correct tubing ID is entered as above


Press  to select DISP • Volume

Use   to enter volume; values are in ml unless a μ is displayed for μ l or l for litres


Press  to start; run stops after volume is dispensed. Press  to interrupt process,



escape

 to abort

Flow rate or rotation speed can be changed using  PUMP% • Flow rate during dispensing


Dispensing by time

Press  to select DISP • Time

Use   to enter value; in seconds with no units, ' for minutes and h for hours

Press  to start;  to interrupt process,  to abort

escape

Flow rate or rotation speed can be changed using  PUMP% • Flow rate during dispensing