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Universal Stirrer for screen printed and classical electrodes

Type: ST3.C

Description

- **Precision Maxon motor with gearbox and encoder**
- ST3 is controlled by PC software
- ST3 allows the solution to be mixed and the particles to be optimally transferred to the surface of the printed or conventional electrodes.
- **The construction of stirrer assures the optimum mass transport with the minimum hydrodynamic noise.**
- The stirrer is manufactured from quality materials and suitable chemical measurements.
- Revolutions range: 20-1300 rpm.(with resolution 1rpm)

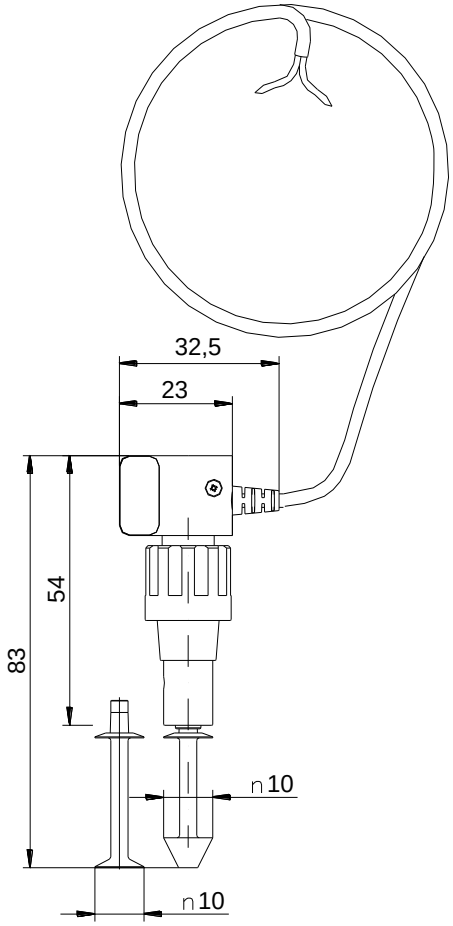
Physical Parameters

Dimensions:

Weight: 36 gms
Length: 83 mm
Diameter: 23 mm
Cable length: 1m

Delivery ST3 contains

- Stirrer ST3
- 1 piece of PEEK Conical impeller
- 1 piece of PEEK Disk impeller
- Control unit
- Software
- USB cable 1m
- Manual



References

1. J. Krejci, R. Sejnohova, V. Hanak, H. Vranova, Screen Printed Electrodes with Improved Mass Transfer, New perspectives in biosensors technology and applications (2011) 291-311

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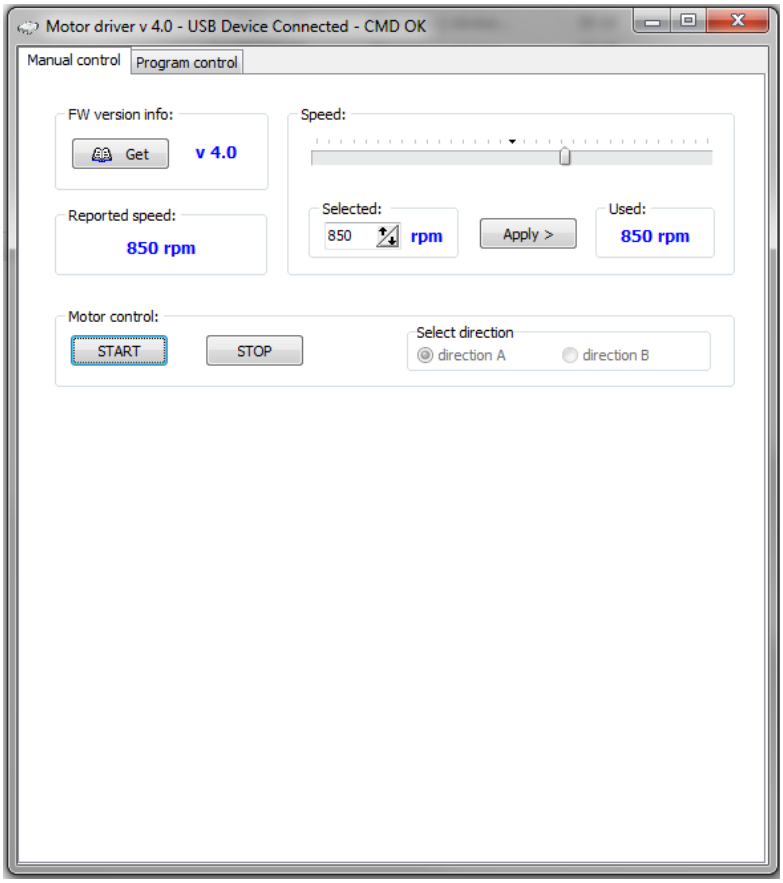
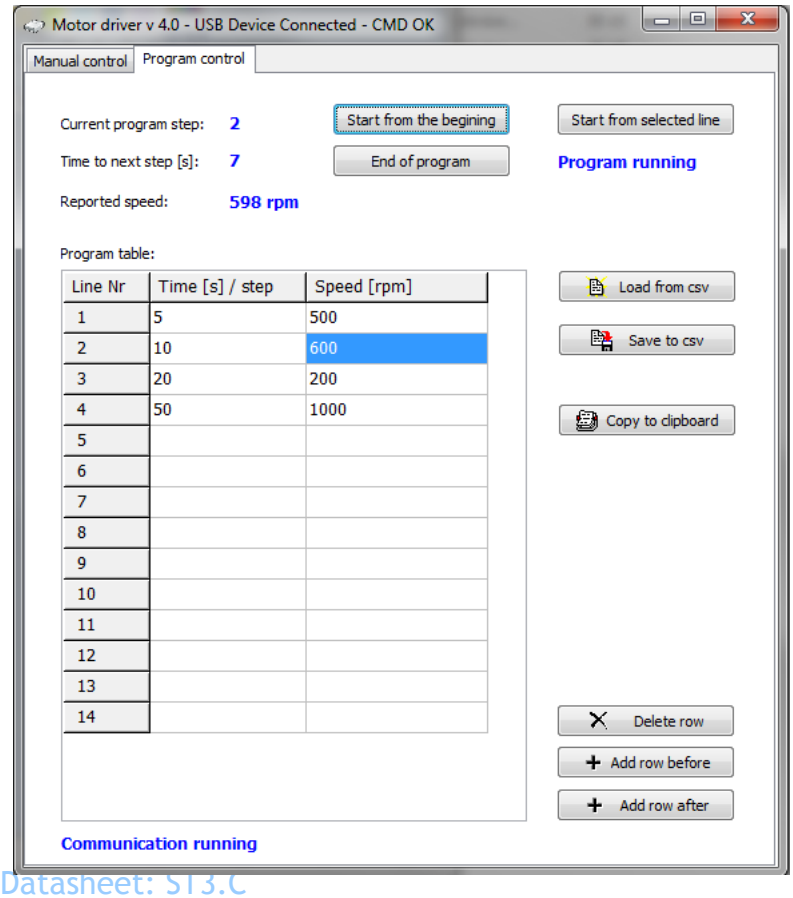
Software for control ST3.C



Manual control

For easy rpm setup. In the range of 20-1300rpm.



Program control

For variable rpm settings. The settings can be saved and opened on the next measurement.

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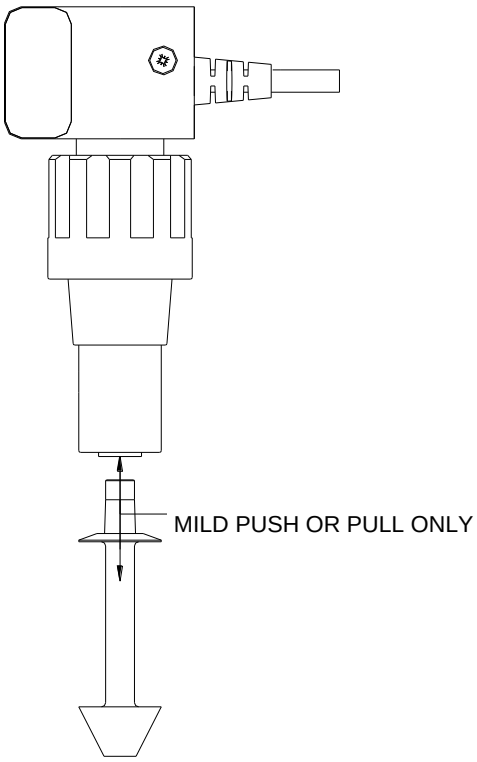
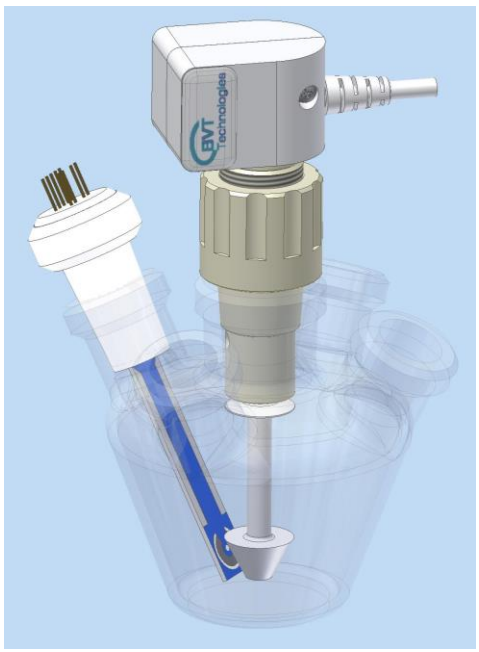
Instructions for insertion the attachment into the stirrer



Hydrodynamics of stirring

- Screen printed electrodes
- Classical electrodes



Recommended vessel TC4, TC5, TC6

Recommended connector	KA1.C, KA2.C
Recommended sensors	AC1.W*.R* AC2.W*.R* AC4.W*
Recommended classical electrode	WCEc.W*.E* RCEc.R*.E* ACEc.E* Paste electrode Electrodes with salt bridge

Ordering information

- The order is specified by the whole product code
- Minimum order quantity – 1 stirrer
- Delivery time for standard ST3.C is 4 weeks from receipt of order
- Delivery time for non-standard ST3.C depends on final technical specification of the order

- **Example of Order**
  - 2 pieces ST3.C