

## Let the batch beging!

Transferring specified volume of liquid with an AODD pump is now very easy and precise.

Electronic Batch Controller is an **automation unit** designed to perform **batching process**. Working together with Tapflo diaphragm pumps, it allows to transfer **almost every liquid**. By counting and summarizing **strokes of a pump**, we reach precision of 60 ml per batch (by using TR 20 pump size).



### Working principle

With **every stroke** of a pump there is a signal sent from the **inductive sensor** (-5 C or -5 CF option in pump configuration).

Each signal is received and **summarized by the controller**. Volume of liquid pumped per stroke is preset .

Operation starts by **setting the batch volume** and pushing **START button**. **Pump will operate** until reaching the **desired volume of pumped liquid**. In that moment **controller will stop pump air supply** by switching off the solenoid valve.

**Next batch** is simply started by pushing **START buton** again. Pump can also be switched into **Manual Mode** where **START buton** is pressed **to keep pump in operation**.



### Technical data

<b>Functions:</b>	Batching; Progress indication; Totalizer for maintenance
<b>Electrical components:</b>	Microprocessor controller; Main switch (ON/OFF); Circuit breaker; E STOP; Cabling (10 metres)
<b>Power supply:</b>	220-230V AC; 50-60 Hz
<b>Ingress protection:</b>	IP65
<b>Dimensions:</b>	400x300x195 mm
<b>Material of the cover:</b>	ABS plastic, grey

\*Batching precision will depend on the pumped liquid properties.