

**ViscoTec**

# **VIPRO-PUMP EV**

**PRECISE. EFFICIENTLY.  
PROCESS-SAFE.**

**Electrolyte filling of hardcase battery cells on a new level.** Precisely adjustable dosing parameters enable perfect customized filling processes.



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# ELECTROLYTE FILLING ON A NEW LEVEL.

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and deeper insights into  
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## ELEKTROLYTE-FILLING: RELIABLE AND EFFECTIVE.



Filling with electrolyte is a key process step in the manufacture of battery cells.

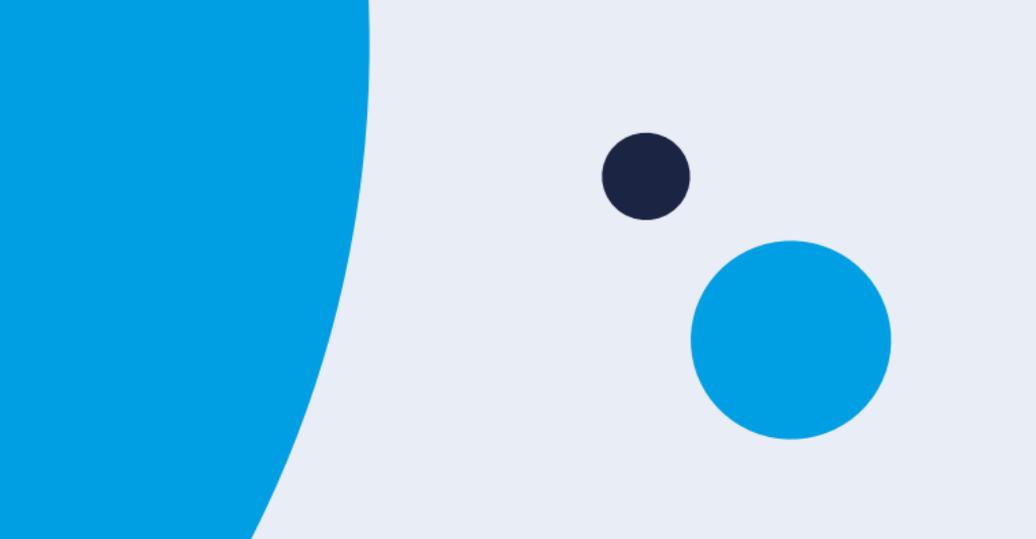


Reliable filling with perfectly adjusted dosing parameters is crucial for the product quality and service life of each cell.



The vipro-PUMP EV is the dosing solution for fast and efficient electrolyte filling of hardcase battery cells.





## **„ONE DOCK FILLING“ PROCESS**

The battery cell is evacuated and filled in a single step, delivering an optimized dosing profile for complete filling and reducing cycle time by up to 70%.

## **PRESSURE-CONTROLLED FILLING**

Whether cylindrical or prismatic shape: The adapted pressure profile enables optimal filling of the battery cell.

## **PRECISELY ADJUSTABLE DOSING PARAMETERS**

Precise, repeatable dosing enables an optimally adapted filling process.

## **ELECTROLYTE-RESISTANT MATERIALS**

The materials used in the vipro-PUMP EV resist aggressive chemicals and are optimally adapted for use in battery cell filling.

## **COST EFFICIENCY MEETS DURABILITY**

Robust, low-maintenance, and easy to clean – for efficient processes and low operating costs.

## MODULAR SYSTEM

Your system is individually adapted to your process – based on our process expertise and including engineering and project management.

**Dosing volume: 0.14 to 5.2 ml/U**  
**Max. volume flow: 17 to 650 ml/min**

The specifications depend on the dispenser type or dispenser size, the process and the material to be dispensed.

