

QUICK GUIDE for volumetric pump system “Midexx-V” for extrusion

Connections:

- **Start signal** as 220 V power connection on right side
- 220 V **power connection** on back side

Start-up:

1. **Power supply:** Switch on by On/Off-toggle on backside.
2. **Color supply:** Connect color package with hose and put it on holder. Insert hose in peristaltic pump head or connect it with progressive cavity or gear pump respectively and connect it with extruder.
3. **Pre-conveying of color:** Press „**FORWARD**“. If necessary repeat proceeding until the color has passed the pump head. By pressing "**STOP**" the process can be aborted.
4. **Calibration:** Press "**CALIBRATE**" followed by "**START**". → Pump conveys for 30 sec. Collect color into a cup and determine the mass of product. Repeat 2-3 times and form the arithmetic mean value.
5. **Enter calibration value:** Select “**SampleWgt(gr)**” via arrow keys, enter value and press “**ENTER**”.
6. **Enter dosage (%):** Select "**LDR %**" (let down ratio) via arrow keys, enter dosage and confirm with "**ENTER**".
7. **Enter throughput (kg/h):** Change to "**ProRate Kg/hr**", enter the extrusion throughput and confirm with “**ENTER**”.
8. **Start:** Press "**START**".
9. **Stop:** Press "**STOP**".

Note:

- To prevent color drops after production the color can be conveyed back into the hose via pressing “**REVERSE**” permanently.