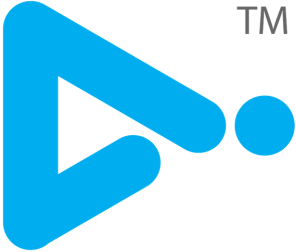
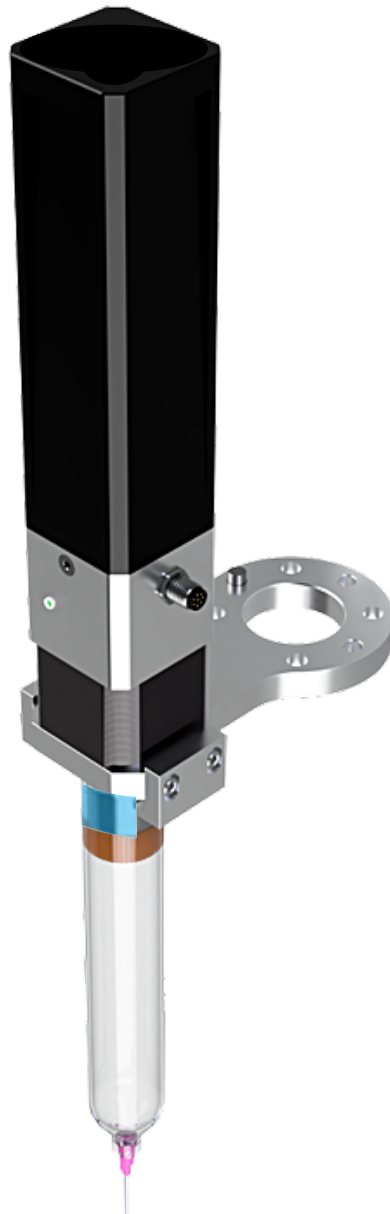


AIM  
ROBOTICS ™  
DISPENSING MADE SIMPLE



**SD30/55**

TO USE WITH 30 OR 55 cc SYRINGE BARRELS

**DATA SHEET**

# MAIN FEATURES

**Aim Robotics deliver dispenser solutions within the process application industry.**

Aim Robotics provide a range of dispensing heads that can be mounted to automated collaborative robots to ensure accurate delivery of fluids within a production setup.

Our **Syringe Dispenser SD30/55** main features are:

## **No air solution**

- Accurate dispensing

## **Easy installation and Setup**

- Up and running in 10 minutes
- Specially designed software
- User friendly interface
- Single connection point to robot

## **Fully integrated with Universal Robots**

- To use with UR3e, UR5e, UR10e and UR16e
  - Single connection utilising the M8 8pin connector
  - Universal Robots Certification pending
- 
- Dispenses fluids ranging from very low to high viscosity
  - Allows for accurate placement on any shape, surface, or orientation in continuous motion \*
  - Dispensing speed according to robot \*



\*Precision, axis count and maximum operational speed is governed by the robotics solution in use.

# HOW IT WORKS

The SD30/55 pushes with a plunger onto the piston in the syringe barrels. The fluid is pushed through the tip by an electrical motor removing the use of compressed air. Our URCap guides the user in setup and is easily reprogrammed. Our cleaning cycles help to prevent fluid build up in the tip. The Aim URCap allows you to control dispensing speed relative to the robot speed.

SD30/55 Syringe Dispenser uses standard syringe barrels.

- Typical application: silicones, adhesives, very thin fluids

---

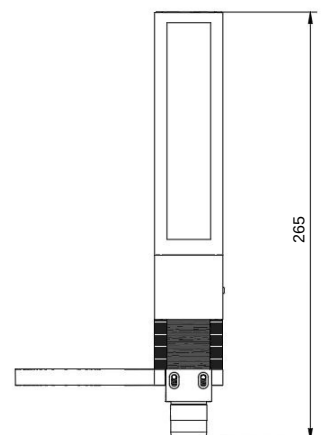
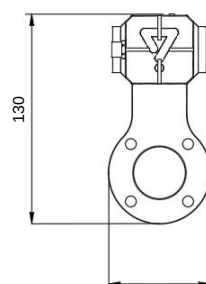
Mechanical interface: ISO 9409-1, type 50-4-M6

Electrical interface: 8-pole M8

Digital interfaces:  
URCap, PolyScope  $\geq 5.5$   
URCap, API  $\geq 1.8$   
RS485  
24V I/O

Weight (without cartridge): 0.7kg

Dimensions: 65 x 130 x 265mm



# AIM ROBOTICS

DISPENSING MADE SIMPLE



**AIM ROBOTICS APS**  
DENMARK

+45 31 51 55 11



AIM-ROBOTICS.COM



SALES@AIM-ROBOTICS.COM

