



Aim Robotics' was founded in Denmark in 2019 to deliver the best and most precise automated fluid dispensing solutions - adding flexibility and efficiency to your dispensing processes in a wide range of applications. We are making dispensing simple and enabling our end-users to get confident in automated dispensing.

Therefore we have developed 4 patent-pending units that are electronically controlled, achieving higher repeatability and quality control in production, reducing costs by eliminating waste, rework, and maintenance on compressors.



AIM
ROBOTICS
DISPENSING MADE SIMPLE



Scan the QR code
& ask your questions
www.aim-robotics.com

All of the units are Plug&Dispense – fast to install and easy to set up:

- Single connection point
 - plugs straight into the cobot 8pin connector.
- Simple programming features
 - full control with URCap.
- Get ready to dispense
 - in 20 minutes, out of the box.



	SD 30/55	FD HighV	FD 400	FD 310
Weight in kilograms:	0.7	0.8	1.7	1.5
Dimensions in millimeters:	130 x 65 x 265	65 x 130 x 170	135 x 145 x 390	135 x 145 x 410
Container:	30/55 cc	external feeder	400ml DIN 1284	310 ml
Application:	adhesives, silicones	grease, silicones	grease	adhesives, silicones
Approximate viscosities in centipoise:	1-5.000.000	NLGI 000-5 50.000-100.000.000	NLGI 2-3 150.000-2.00.000	150.000-10.000.000

Patents Pending

Supported Robots

Native Support is limited to UR robots for now, yet you can use almost any robot or even just a laptop to drive our tools using our converters.

AimPath URCap



Seamlessly integrates with Universal Robots.

With our AimPath URCap, you can record the path for any type of collaborative robot task and translate it into way-points.

URcap

Constant dispensing, even in corners, with Auto TCP speed: Ensure dispensing speed automatically varies with robot tip speed

Ensure smooth start and end-points with Pre-feed and Pullback (retracts fluid)

User friendly with open script commands

Create easy circle and wave moves. Select a center point and enter the radii for a quick circle.

Run with dispensing: Activate

Auto TCP speed: Enabled Disabled

Set syringe size: default 30 cc default 55 cc Calibrated

Dispense Speed(μl/s):

Pullback(μl/s):

Pullback Duration(s):

Pre-feed Speed(μl/s):

Pre-feed Duration (s):

