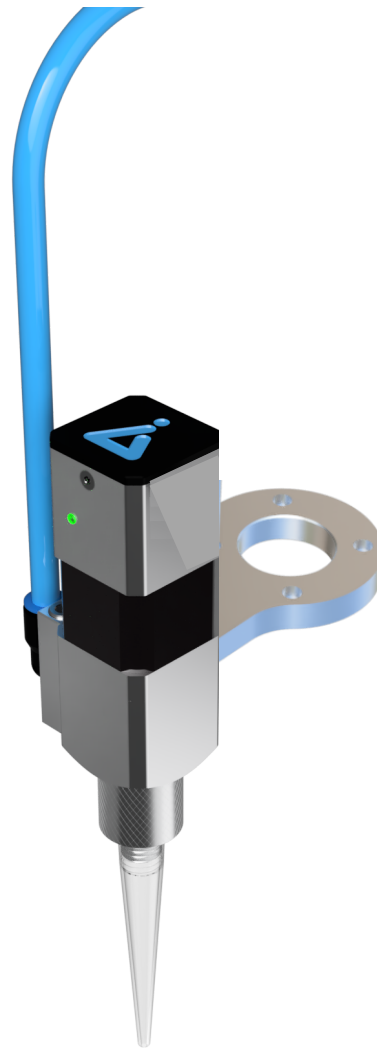


AIM
ROBOTICS ™
DISPENSING MADE SIMPLE



FDHIGHV

DATA SHEET

MAIN FEATURES

Aim Robotics delivers dispenser solutions within the process application industry.

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

Our **Fluid Dispenser FDhighV** 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 the robot

Fully integrated with Universal Robots

- To use with UR3e, UR5e, UR10e, and UR16e
- Single connection utilizing the M8 8pin connector

- Dispenses fluids ranging from medium 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 FDhighV uses a single screw pump dispensing system. The fluid is pumped through the system with an electrical motor removing the use of compressed air. Our URCap guides the user in setup and is easily reprogrammed. Our cleaning cycles helps to prevent fluid build-up in the nozzle. In the Aim URCap, you can control the dispensing speed.

FDhighV Fluid Dispenser is to be used with a large volume grease pump system that supplies the dispenser with the continuous flow at constant pressure.

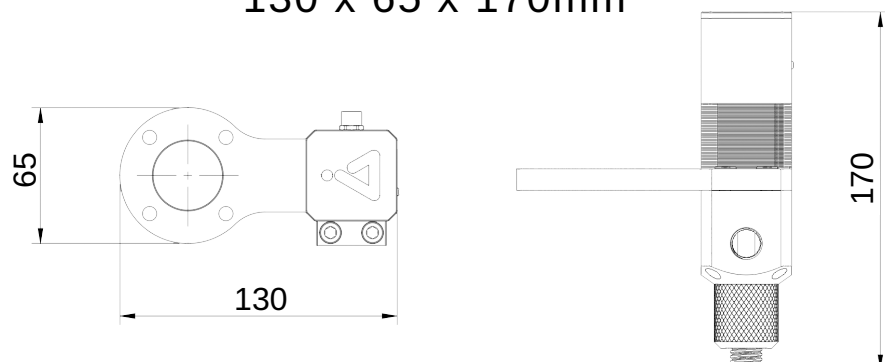
Mechanical interface: ISO 9409-1, type 50-4-M6

Electrical interface: 8-pole M8

Digital interfaces:
URCap, PolyScope ≥ 5.5
URCap, API ≥ 1.8
RS485
24V I/O

Weight (without cartridge): 900g

Dimensions: 130 x 65 x 170mm



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