

# Wire feeder DVS 1490<sup>®</sup>

## Precision and reliability



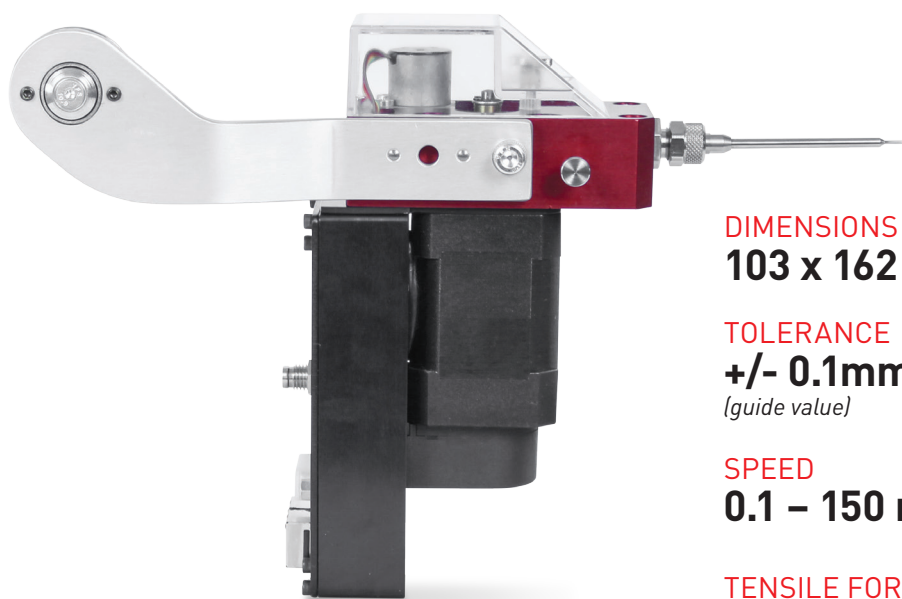
**Monitored  
parameters**

**Integrated  
controller**

**Position-controlled  
feeder**

**Wire feeder DVS 1490<sup>®</sup>** with integrated controller produces highest quality solder joints.

# Most precise wire feeder in its class



**DIMENSIONS**  
103 x 162 mm

**TOTAL WEIGHT**  
890g (excl. wire)

**TOLERANCE**  
+/- 0.1mm  
*(guide value)*

**INTERFACES**  
Digital I/O, RS-232  
*Profinet (optional)*

**SPEED**  
0.1 – 150 mm/s

**WIRE DIAMETER**  
0.2mm – 2mm  
*(selectable)*

**TENSILE FORCE**  
10 N *with 1mm wire*

**POWER CONSUMPTION**  
24 VDC / 5A

Subject to technical changes

## Advantages

- › **Monitored** process parameters (e.g. position, current, wire break)
- › Integrated **data logger**
- › Built-in **fault memory** for optimal support during commissioning and troubleshooting
- › **Memory** of up to 20 predefined and individually accessible **drive profiles**
- › All process-relevant data can be **exported** and **edited** further
- › **Brushless-DC motor**
- › **High-performance** closed-loop control
- › **Position-controlled** feeder

## DVS 1490®

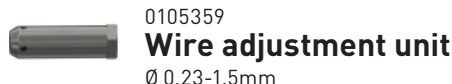
Base model with additional options (incl. standard cable 5 m)

### Soft wire

Round wire 0.2-3mm  
Flat wire 0.15x1 mm – 0.2x3 mm

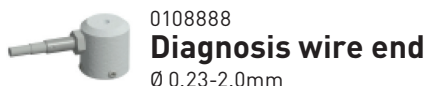
### Hard wire

Round wire 0.2-0.6mm  
Flat wire 0.15x1 mm – 0.2x3 mm



0105359

**Wire adjustment unit**  
Ø 0.23-1.5mm



0108888

**Diagnosis wire end**  
Ø 0.23-2.0mm



0109865

**Wire dispenser**  
Soft solder



FS1490D

**Flexible wire guide**

Ø 0.3-2.0mm; L: open (e.g. FS1490D 1.5 L300)



DVS1490\_Profinet

**Profinet card**



KL1490L15

**Cable length**

15m