

DATASHEET · SYRINGE PUMPS

W09-02R Independent Syringe Pump.

SKU RBP-0145 Spec v1 Rev. 2026-07-09

DATASHEET · P
RBP.
 Rev 2026-07-09
 PREVIEW — FIELDS F



PRODUCT FAMILY
 ANIMAL MODEL
 APPLICATION
 COUNTRY OF ORIGIN
 MFG. STANDARD
 LOT TRACEABLE **No**
 VERIFIED **Spec v1 · 2026-07-09**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

STROKE RESOLUTION	0.3125 µm	SPEED RANGE	5 µm/min – 200 mm/min
CONTROL ACCURACY	≤±0.35% (10% F.S.)	REPEATABILITY	≤±0.03% F.S.
MIN FLOW RATE	924 pL/min (10 µL syringe)	MAX FLOW RATE	136.235 mL/min (60 mL syringe)
MAX LINEAR FORCE	90 N	MAX STROKE	105 mm
OPERATING MODES	Infusion, Withdrawal, Infuse Withdraw, Withdraw Infuse, Continuous Infusion, Continuous Withdrawal, Continuous	COMMUNICATION	RS485 (Modbus-RTU)
MAX NETWORK ADDRESSES	32	SIGNAL OUTPUT	Start/Stop, Direction, Jam Alert
COMPATIBLE SYRINGES	10 µL – 60 mL (16 standard sizes + 2 custom)	POWER MEMORY	Yes
POWER SUPPLY	DC 24V (≤10W)	DIMENSIONS	259 × 99.4 × 133 mm
WEIGHT	2.35 kg	PROTECTION RATING	IP31
OPERATING TEMPERATURE	0 – 40°C	HUMIDITY	<85% RH (non-condensing)
DIMENSIONS L×W×H (MM)	30.0 × 20.0 × 15.0	WEIGHT (KG)	29.98
AVAILABILITY	In stock		

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
1	W09-02R Independent Syringe Pump	RBP-0145

Scope.

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

RBP-0145 · DATASH

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Rev 2026

PREVIEW — FIELDS F

BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

W09-02R Independent Syringe Pump

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

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RBP.

Rev 2026

PREVIEW — FIELDS F

OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMI

OPERATING

TEMPERATURE

HUMIDITY

PRESSURE

STORAGE

TEMPERATURE

HUMIDITY

ORIENTATION

STERILIZATION & CLEANING

AUTOCLAVE

GAMMA

AVOID

ETO

WIPE

ANIMAL COMPATIBILITY

BY SPECIES

NOTES

USE & S

SPECIES	BODY WEIGHT	CHAMBER FIT
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Specifications verified against current published product data. Verified 2026-07-09 · Since 2026-07-09.

Cite: ConductScience RBP-0145, Spec v1, 2026-07-09. conductscience.com/lab/precision-syringe-pump

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