

DATASHEET · MICROINJECTION & INFUSION

Implantable Osmotic Release Pump.

SKU RWD-1003D /RWD-1001W /RWD-1002W/ RWD-1004W/ RWD-2003D / RWD-2001W /RWD-2002W / RWD-2004W /RWD-



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

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

PRODUCT TYPE	variable	DURATION	3D, 1W, 2W, 4W, 6W
CAPACITY_OPTIONS	100 µl, 200 µl, 2 ml	FLOW_REGULATOR_TUBE	304 stainless steel
SYRINGE_TYPE	Flat head for injection of liquid	RESERVOIR_WALL_MATERIAL	polyester
DELIVERY_DURATION_RANGE	one day to a month and a half	USAGE	single use only
DELIVERY_METHOD	osmotic gradient driven	MEMBRANE_TYPE	semi-permeable
CAPACITY	2mL, 100µL, 200µL	MATERIAL	304 stainless steel, polyester
SPECIES	Mouse, Rat	BRAND	RWD
RESEARCH DOMAIN	Addiction Research, Behavioral Pharmacology, Cancer Research, Cardiovascular Research, Metabolic Research, Neuroscience, Pain Research, Toxicology	DIMENSIONS L×W×H (MM)	34.0 × 39.0 × 33.0
WEIGHT (KG)	8.27	AVAILABILITY	In stock

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
1	Implantable Osmotic Release Pump	RWD-1003D /RWD-1001W /RWD-1002W/ RWD-1004W/ RWD-2003D / RWD-2001W /RWD-2002W / RWD-2004W /RWD-2ml1W / RWD-2ml2W /RWD-2ml4W

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Implantable Osmotic Release Pump

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.

INFO@CONDUCTSCIENCE.COM

CONDUCTSCIENCE.COM

RWD-1003D /RWD-1001W /RWD-1002W/ RWD-1004W/ RWD-2001W /RWD-2002W / RWD-2004W /RWD-2ML1W / RWD-2ML4W · DATASHEET **2 / 3**

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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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CONTINUOUSLY VERIFIED · SPEC V1

Specifications verified against current published product data. Verified 2026-07-09 · Since 2026-07-09.

