

DATASHEET · OPTOGENETICS & PHOTOMETRY

Optogenetic Stimulation Kit.

SKU RWD-OPSK-01 Spec v1 Rev. 2026-07-11

DATASHEET · P
RWD-OPSK
Rev 2026



PRODUCT FAMILY	
ANIMAL MODEL	
APPLICATION	
COUNTRY OF ORIGIN	
MFG. STANDARD	
LOT TRACEABLE	No
VERIFIED	Spec v1 · 2026-07-11

PRODUCT SPECIFICATIONS

FROM PUBLISHED PRODUCT

WAVEFORM_GENERATOR_FREQUENCY	20MHz	BLUE_LASER_WAVELENGTH	473nm
GREEN_LASER_WAVELENGTH	532nm	BLUE_LIGHT_SPECTRUM	450-480nm
GREEN_LIGHT_SPECTRUM	520-560nm	YELLOW_LIGHT_SPECTRUM	570-600nm
RED_LIGHT_SPECTRUM	600-780nm	CERAMIC_FERRULE_SIZE	1.25mm
CERAMIC_CANNULAS_QUANTITY	10 packs	PROTECTIVE_CAPS_QUANTITY	200 pieces
LASER_TYPE	power adjustable	AUTOMATION LEVEL	semi-automated
BRAND	RWD	MATERIAL	Ceramic
SPECIES	C. elegans, Drosophila, Non-human Primate, Mouse, Rat, Zebrafish	RESEARCH DOMAIN	Anxiety and Depression, Behavior Pharmacology, Developmental Biology, Learning and Memory, Motor Function, Neurodegeneration, Neuroscience Pain Research
DIMENSIONS LxWxH (MM)	34.0 × 39.0 × 33.0	WEIGHT (KG)	8.27
AVAILABILITY	In stock		

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONFIGURATION

QTY	ITEM	SKU
1	Optogenetic Stimulation Kit	RWD-OPSK-01

Scope.

INFO@CONDUCTSCIENCE.COM

CONDUCTSCIENCE.COM

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Rev 2026

BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Optogenetic Stimulation Kit

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

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Rev 2026

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 2026-07-11 · Since 2026-07-11.

Cite: ConductScience RWD-OPSK-01, Spec v1, 2026-07-11. conductscience.com/lab/optogenetic-stimulation-kit

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