

DATASHEET · OPTOGENETICS & PHOTOMETRY

Tricolor Multichannel Fiber Photometry System.

SKU RWD-R821 Spec v1 Rev. 2026-07-06

DATASHEET · P
RWD-
 Rev 2026

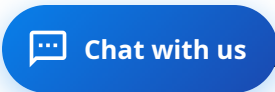


PRODUCT FAMILY
 ANIMAL MODEL
 APPLICATION
 COUNTRY OF ORIGIN
 MFG. STANDARD
 LOT TRACEABLE **No**
 VERIFIED **Spec v1 · 2026-07-06**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PRODUCT

EXCITATION_WAVELENGTH	410nm, 470nm, 560nm	MAXIMUM_CHANNELS	9 channels
REFERENCE_WAVELENGTH	410nm	GREEN_FLUORESCENCE_WAVELENGTH	470nm
RED_FLUORESCENCE_WAVELENGTH	560nm	COMPATIBLE_GREEN_INDICATORS	GCaMP, dLight
COMPATIBLE_RED_INDICATORS	RCaMP, jrGECO1a	DETECTOR_TYPE	Dual highly sensitive detectors
INPUT_OUTPUT_INTERFACE	4 input and 4-output interface	ACQUISITION_MODES	continuous acquisition, interval acquisition, acquisition upon trigger, delayed acquisition, timing acquisition
REAL_TIME_DISPLAY	Live display of DeltaF/F acquisition	OPTOGENETICS_COMPATIBLE	Yes
BEHAVIORAL CONSTRUCT	Learning and Memory, Fear Conditioning, Reward Seeking, Motor Learning, Spatial Navigation, Social Interaction	AUTOMATION LEVEL	semi-automated
BRAND	RWD	RESEARCH DOMAIN	Addiction Research, Anxiety and Depression, Behavioral Pharmacology, Learning and Memory, Motor Function, Neuroscience, Pain Research, Social Behavior
SPECIES	Mouse, Rat	DIMENSIONS LxWxH (MM)	34.0 × 39.0 × 33.0
WEIGHT (KG)	41.89	AVAILABILITY	In stock



5 · 1 LINE ITEMS

BASE CONFIGURATION

QTY	ITEM	SKU
	Scope. Tricolor Multichannel Fiber Photometry System	RWD-R821
	INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM	RWD-R821 · DATASH

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Tricolor Multichannel Fiber Photometry System

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

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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

Specifications verified against current published product data. Verified 2026-07-06 · Since 2026-07-06.

Cite: ConductScience RWD-R821, Spec v1, 2026-07-06. conductscience.com/lab/tricolor-multichannel-fiber-photometry-system

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