# Resource Summary Report

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## A.M.P.I.: ISO-Flex isolator

RRID:SCR_018945
Type: Tool

### Proper Citation

A.M.P.I.: ISO-Flex isolator (RRID:SCR_018945)

### Resource Information

**URL:** http://www.ampi.co.il/isoflex.html

**Proper Citation:** A.M.P.I.: ISO-Flex isolator (RRID:SCR_018945)

**Description:** Flexible stimulus isolator since it is optically isolated. Unit can be switched to constant current or constant voltage. You can get bipolar pulses by connecting two isolators.

**Synonyms:** ISO-Flex, ISO-Flex- The Flexible Stimulus Isolator

**Resource Type:** instrument resource

**Keywords:** Stimulus isolator, flexible stimulus isolator, optically isolated, instrument, equipment

**Availability:** Restricted

**Specification URL:** https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_018945.pdf

**Resource Name:** A.M.P.I.: ISO-Flex isolator

**Resource ID:** SCR_018945

**Record Creation Time:** 20220129T080342+0000

**Record Last Update:** 20260801T190626+0000

### Ratings and Alerts

No rating or validation information has been found for A.M.P.I.: ISO-Flex isolator.

No alerts have been found for A.M.P.I.: ISO-Flex isolator.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 10 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID .


Zaforas M, et al. (2024) Protocol for stimulating specific rodent limb receptive fields while recording in vivo somatosensory-evoked activity. STAR protocols, 5(2), 102972.

Bruentgens F, et al. (2024) The Lack of Synapsin Alters Presynaptic Plasticity at Hippocampal Mossy Fibers in Male Mice. eNeuro, 11(7).

Nayana J, et al. (2024) Repeated finasteride administration promotes synaptic plasticity and produces antidepressant- and anxiolytic-like effects in female rats. Journal of neuroscience research, 102(3), e25306.

Yaeger CE, et al. (2024) A dendritic mechanism for balancing synaptic flexibility and stability. Cell reports, 43(8), 114638.

Malgady JM, et al. (2023) Pathway-specific alterations in striatal excitability and cholinergic modulation in a SAPAP3 mouse model of compulsive motor behavior. Cell reports, 42(11), 113384.

Jørgensen AB, et al. (2022) μ-Opioid Receptor Activation Reduces Glutamate Release in the preBötzinger Complex in Organotypic Slice Cultures. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(43), 8066.

Daniel Gómez C, et al. (2021) GABAergic Inhibition of Presynaptic Ca2+ Transients in Respiratory PreBötzinger Neurons in Organotypic Slice Cultures. eNeuro, 8(4).

Subhadeep D, et al. (2021) Exposure to Short Photoperiod Regime Restores Spatial Cognition in Ventral Subicular Lesioned Rats: Potential Role of Hippocampal Plasticity, Glucocorticoid Receptors, and Neurogenesis. Molecular neurobiology, 58(9), 4437.

Salaka RJ, et al. (2021) Enriched environment ameliorates chronic temporal lobe epilepsy-induced behavioral hyperexcitability and restores synaptic plasticity in CA3-CA1 synapses in male Wistar rats. Journal of neuroscience research, 99(6), 1646.

Beed P, et al. (2020) Layer 3 Pyramidal Cells in the Medial Entorhinal Cortex Orchestrate Up-Down States and Entrain the Deep Layers Differentially. Cell reports, 33(10), 108470.