

Resource Summary Report

Generated by PRECISE-TBI on Aug 2, 2026

Precision Systems and Instrumentation: Head Impactor TBI-0310

RRID:SCR_024874

Type: Tool

Proper Citation

Precision Systems and Instrumentation: Head Impactor TBI-0310 (RRID:SCR_024874)

Resource Information

URL: <https://psiimpactors.com/product/tbi-0310/>

Proper Citation: Precision Systems and Instrumentation: Head Impactor TBI-0310 (RRID:SCR_024874)

Description: Computer controlled device with accurate and reproducible detection of cortical surface prior to initiating injury sequence, designed for preclinical research.

Synonyms: Head Impactor

Resource Type: instrument resource

Keywords: CCI, Computer Controlled Device, Transgenic Mice, Small Rodents, Reproducibility, Controlled cortical impact model

Availability: Restricted

Resource Name: Precision Systems and Instrumentation: Head Impactor TBI-0310

Resource ID: SCR_024874

Alternate IDs: Model_Number_TBI-0310

Alternate URLs: <https://psiimpactors.com/>

Record Creation Time: 20240112T050239+0000

Record Last Update: 20260801T191254+0000

Ratings and Alerts

No rating or validation information has been found for Precision Systems and Instrumentation: Head Impactor TBI-0310.

No alerts have been found for Precision Systems and Instrumentation: Head Impactor TBI-0310.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Gold EM, et al. (2018) Repeated Mild Closed Head Injuries Induce Long-Term White Matter Pathology and Neuronal Loss That Are Correlated With Behavioral Deficits. *ASN neuro*, 10, 1759091418781921.

Zhang H, et al. (2017) Amide proton transfer-weighted MRI detection of traumatic brain injury in rats. *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism*, 37(10), 3422.

Pleasant JM, et al. (2011) Rate of neurodegeneration in the mouse controlled cortical impact model is influenced by impactor tip shape: implications for mechanistic and therapeutic studies. *Journal of neurotrauma*, 28(11), 2245.