

# Resource Summary Report

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## SA Instruments: Model 1025 MR-compatible Small Animal Monitoring and Gating System

RRID:SCR\_002090

Type: Tool

### Proper Citation

SA Instruments: Model 1025 MR-compatible Small Animal Monitoring and Gating System (RRID:SCR\_002090)

### Resource Information

**URL:** <https://i4sa.com/wp-content/uploads/2021/01/1025ManualRevJ.pdf>

**Proper Citation:** SA Instruments: Model 1025 MR-compatible Small Animal Monitoring and Gating System (RRID:SCR\_002090)

**Description:** Magnetic resonance compatible monitoring and gating system, including software, that enables monitoring rectal temperature, electrocardiogram and respiration rate during magnetic resonance imaging scan time. The PC displays multiple waveforms, measured values, trends and gating pulses. The data Acquisition modules are controlled by menu driven software from the PC. Data acquisition modules are available to measure the following parameters: ECG, respiration (three ways), temperature (two ways), pressure including invasive blood pressure (two ways), oxygen saturation and end-tidal CO<sub>2</sub>.

**Abbreviations:** Model 1025 Monitoring & Gating System

**Synonyms:** Model 1025 Monitoring and Gating System, MR-Compatible Model 1025 Monitoring and Gating System, Small Animal Monitoring and Gating System

**Resource Type:** instrument resource

**Keywords:** hardware, instrument, equipment, physiology, monitoring, gating, mr environment, respiration, temperature, blood pressure, oxygen saturation, end-tidal co<sub>2</sub>, magnetic resonance, electrocardiogram, magnetic resonance imaging, software resource

**Availability:** Free, Freely available

**Resource Name:** SA Instruments: Model 1025 MR-compatible Small Animal Monitoring and Gating System

**Resource ID:** SCR\_002090

**Alternate IDs:** SciRes\_000157

**Alternate URLs:** [https://wikihost.uib.no/mriwiki/images/4/4c/SAInstruments\\_1025.pdf](https://wikihost.uib.no/mriwiki/images/4/4c/SAInstruments_1025.pdf)

**Old URLs:** [http://www.i4sa.com/web\\_app/main/defaultProduct.aspx?ID=82&PT=3](http://www.i4sa.com/web_app/main/defaultProduct.aspx?ID=82&PT=3)

**Record Creation Time:** 20220129T080211+0000

**Record Last Update:** 20260919T194953+0000

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## Ratings and Alerts

No rating or validation information has been found for SA Instruments: Model 1025 MR-compatible Small Animal Monitoring and Gating System.

No alerts have been found for SA Instruments: Model 1025 MR-compatible Small Animal Monitoring and Gating System.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#).

Low JCM, et al. (2024) Deuterium Metabolic Imaging Differentiates Glioblastoma Metabolic Subtypes and Detects Early Response to Chemoradiotherapy. Cancer research, 84(12), 1996.

De Groof G, et al. (2017) Topography and Lateralized Effect of Acute Aromatase Inhibition on Auditory Processing in a Seasonal Songbird. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(16), 4243.

R??mer C, et al. (2015) Blocking stroke-induced immunodeficiency increases CNS antigen-specific autoreactivity but does not worsen functional outcome after experimental stroke. The Journal of neuroscience : the official journal of the Society for Neuroscience, 35(20), 7777.