

PRODUCT INFORMATION

ECS 3000

CANISTER CONDITIONING SYSTEMS

SAKOR

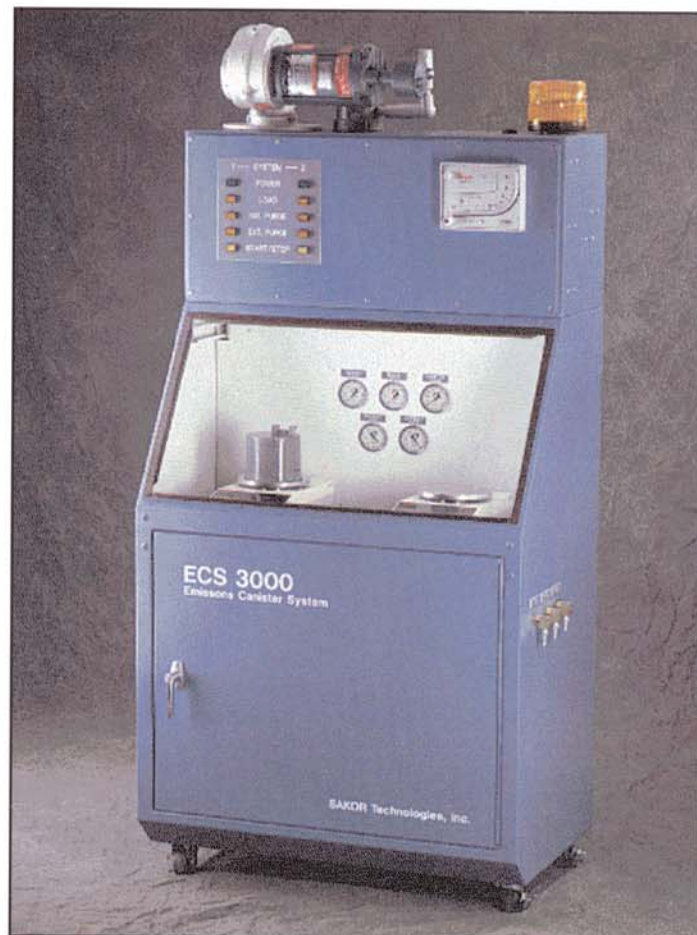
TECHNOLOGIES, INC.

TEST AUTOMATION • SYSTEMS INTEGRATION • PRODUCT INNOVATION

- Performs all required EPA/CARB conditioning procedures.
- Simultaneous, independent, multiple-canister operations.
- Modular, easily relocatable, dual-station units.
- In-vehicle or benchtop applications.

FLOW STAND

- Fully unattended operation, with minimal operator and maintenance requirements.
- Butane/Nitrogen loading with high-capacity vacuum driven canister purge system.
- Sturdy enclosure designed for ease of installation, relocation, and system expansion.
- Positive pressure purged electronics enclosure and internal hazardous vapor detection.



STATION 1

TEST TYPE: Standard Preparation (0-75g/h, 0u)
 STATE: Standard Load
 ELAPSED TIME: 00:35:52
 TIME REMAINING (EST.): 00:39:20

FLOW RATES	ACTUAL	TARGET
BUTANE (G/Hr)	16.05	16.00
NITROGEN (SCCM)	96.34	95.41
PURGE AIR (SCFH)	0.00	0.00

1 TEST CONFIGURED TEST # 1 IN PROGRESS

COMMENTS: Test test of (ECS) canister.

ALARMS:

Start Time	End Time	Acknowledge Time	Note	Upper Limit	Lower Limit	Warn Value
00:00:00.00	00:00:00.00	00:00:00.00	Test test	0.00	0.00	0.00

SAKOR TECHNOLOGIES ECS-3000 EMISSIONS CANISTER SYSTEM

ALARMS: STATION 1 STATION 2
 PURGE AIR: Temp (deg F) 68.00 Humidity (gr/lb) 30.92
 TEST DETAILS OR CALIBRATIONS: VIEW OR PRINT OLD REPORTS
 CURRENT TIME: 2:33 AM

CONTROL/DATA SYSTEM

- Windows®/LabVIEW®-based, menu-driven.
- Simultaneous control of up to four stations.
- User configurable test parameters.
- Configurable data and alarm logging.
- Comprehensive test report generation.
- Temperature and humidity monitoring.
- Signal interface to facility safety system.
- Network compatible.

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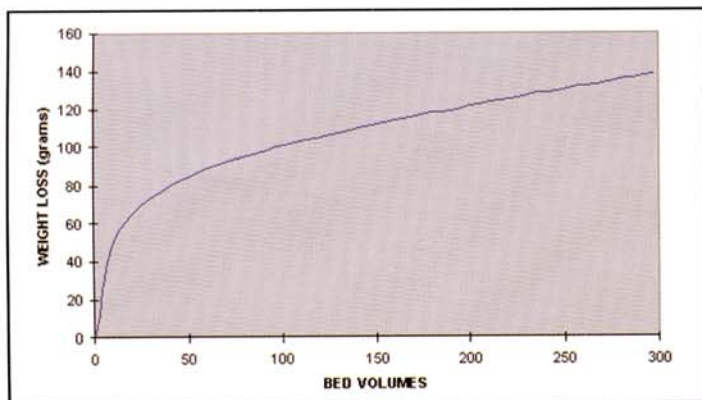
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.....MORE ABOUT "CanisterVIEW"™

CanisterVIEW™ is a proprietary software package developed for the ECS 3000. It is built upon Windows® and LabVIEW®, and offers a combination of features, familiarity, and flexibility that is common to all of SAKOR's test products. With an easy-to-use graphical user interface, CanisterVIEW™ is designed to implement all EPA and CARB conditioning procedures in a simple, straightforward manner while still permitting convenient, intuitive programming of a wide range of user-defined test sequences.



Typical canister purge curve generated using an ECS 3000 equipped with the external balance and data acquisition options.

.....OPTIONS

- Additional Models with modified flow range capabilities for ORVR or other special applications
- Temperature/Humidity monitoring of purge air
- Auxiliary data acquisition channels (digital and analog I/O)
- External balance control and communication (RS 232 / 485)
- Touch screen monitor and operator interface
- "Second-Shift" sequential test programming

Consult with our engineers to learn more about the optional models, features, and capabilities that can be furnished to meet your particular requirements!

Software selectable gas flow rates*

Butane loading	to 75 grams/hour
Purge air flow	to 100 scfh
Butane/nitrogen ratio	0 to 100%

* Standard flow rates are shown.
Other ranges available on request.

PRICE, DELIVERY, ETC.....

- The ECS 3000 is the most powerful, flexible, and affordable canister conditioning system available.
- Many options can be selected - please call us for a price estimate or a formal quotation.
- Delivery is normally about 8 weeks ARO. Installation and training typically requires one day of on-site service.
- Demonstrations can be arranged, either at our factory or in the field.
- Prompt, quality technical support after the sale.

.....MORE ABOUT SAKOR

Since 1986, SAKOR has provided technical consulting, integration services, and product development assistance to major automotive manufacturers and component suppliers. Centrally located near Michigan's capital city, SAKOR readily serves the high-tech needs of Detroit's transportation industry.



SAKOR is proud to be affiliated with National Instruments, Inc. as an Alliance Member. As such, we provide our customers with product and application expertise, as well as complete instrument solutions using the full range of NI hardware and software products.

SAKOR

TECHNOLOGIES, INC.

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