

Gage Calibration Center (web based application)

AutoCrib's Gage Calibration Center module is an additional module that is fully integrated with AutoCrib client/server and AutoCrib.net. These two mainstream programs serve as a complete gage tracking and recall system while Gage Calibration Center is a complete gage calibration system. This system is used by metrology labs to calibrate the gages themselves.

Login screen



The screenshot shows the login interface for the AutoCrib Gage Calibration Center. At the top, the logo features the word "AUTOCRIB" in a large, bold font, with "AUTO" in red and "CRIB" in black. Below this, the text "INDUSTRIAL VENDING INNOVATION" is written in a smaller, black, sans-serif font. Underneath that, "Gage Calibration Center" is displayed in a bold, italicized, black font. The login form consists of two input fields: "User Name:" followed by a text box containing the name "Simon", and "Password:" followed by a text box filled with seven black dots. A blue "Log In" button is positioned to the right of the password field.

Home screen

AUTO CRIB
INDUSTRIAL VENDING INNOVATION

Metrology Lab: [Logout](#)

Check In

Calibration Queue

Check Out

Reports

Gage Database

Support Database

OUT OF CAL - FLOOR:	<div style="width: 75%; background-color: red;"></div>	6526/8882
OUT OF CAL - CRIB:	<div style="width: 26%; background-color: red;"></div>	2356/8882
TRANSIT IN:	<div style="width: 0%; background-color: gray;"></div>	0/26
TRANSIT OUT:	<div style="width: 50%; background-color: yellow;"></div>	13/26
UNASSIGNED:	<div style="width: 31%; background-color: green;"></div>	8/26
WORK QUEUE:	<div style="width: 42%; background-color: green;"></div>	11/26
COMPLETE:	<div style="width: 8%; background-color: green;"></div>	2/26

- Users
- Suppliers
- Manufacturers
- Documents
 - Instruction Manuals
 - Calibration Procedures
- Custom Files
- Metrology Labs
- Email Settings

1. Support database:

Users – those who calibrate gages

Suppliers – sell gages

Manufacturers – produce gages

Documents: Instruction manuals – how to use gages

AUTOCRIB - Instruction Manual Detail Metrology Lab: [Logout](#)
INDUSTRIAL VENDING INNOVATION

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Instruction Manual:

Document Description:

Current File Name:

*File size cannot be greater than 100MB

Select File Type: ▼

Calibration procedures – how to calibrate gages

AUTOCRIB - Calibration Procedure Detail Metrology Lab: [Logout](#)
INDUSTRIAL VENDING INNOVATION

[Home](#) [Back](#)

Calibration Procedure:

Document Description:

Current File Name:

*File size cannot be greater than 100MB

Select File Type: ▼

Metrology labs – cribs/areas where gages are calibrated

The screenshot shows a web application interface for 'AUTOCRIB - Metrology Detail'. The header includes the company logo and name, the current Metrology Lab ('EMET - EA Metrology Dei'), and a 'Logout' link. Below the header is a red navigation bar with 'Home' and 'Back' buttons. The main form area contains several fields: 'Crib' (text input with '11EA'), 'Name' (text input with 'Plant 11 EA backlog'), 'Is Metrology' (checkbox checked), 'Is Shop Floor' (checkbox unchecked), 'Enabled' (checkbox checked), 'Crib Type' (dropdown menu showing 'Metrology'), 'Supplier' (text input with a search icon), and 'Notes' (a large text area). At the top of the form area are 'Edit', 'Save', and 'Cancel' buttons.

AUTOCRIB - Metrology Detail
INDUSTRIAL VENDING INNOVATION

Metrology Lab: [Logout](#)

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Crib:

Name:

Is Metrology:

Is Shop Floor:

Enabled:

Crib Type:

Supplier: 🔍

Notes:

E-mail settings – E-mail set up performed here

Gage Items - detail

AUTOCRIB - Gage Detail Metrology Lab: [Logout](#)
INDUSTRIAL VENDING INNOVATION

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Detail [Attributes](#) [Custom Fields](#) [History](#)

Gage: Serial:
Type: Description: Temperature: Humidity:
Class: Metrology: Tolerance: %

Asset Tag: External Lab: Calibration Procedure:
Govt/Customer: Manufacturer: Instruction Manual:
Department: Mfg. Serial: Supplier:
Employee: Mfg. Item: Supplier Item:
Part:

Max Freq: Total Calibrations: Total Rebuilds: SOTs:
Calibration Freq: Status:
Days on Floor: Retired:
Number of Cycles: Next Cal Date: Last Calibration Date:
Recall Notice: Current Days: Is Standard:
Current Cycles:

NOT DUE

Gage Items – attributes

AUTOCRIB - Gage Detail Metrology Lab: EMET - EA Metrology De | [Logout](#)
INDUSTRIAL VENDING INNOVATION

Home **Back**

Detail | Attributes | Custom Fields | History


Gage: Serial:
Type: Description:
Class: Metrology:


Add Attribute

Manage Row	Attribute	Standard	Standard Serial	Nominal	Unit	Low	High	Pass/Fail	
<input type="button" value="Edit"/> <input type="button" value="Delete"/>	INSPECTION	400001 0000 00000	AMACB 0001BA					<input checked="" type="checkbox"/>	12:
<input type="button" value="Edit"/> <input type="button" value="Delete"/>	DIAMETER	400001 0000 00000	AMACB 0001BA	1.00	INCH	1.01	0.99	<input type="checkbox"/>	12:

3. Gage Check In

Accept Gage into Metrology or mark as Missing In Action?

Required Date: 

Tech: 

4. Calibration Queue

AUTOCRIB - Calibration Queue Metrology Lab: [Logout](#)
INDUSTRIAL VENDING INNOVATION

Gage	Serial	Check In Dt	Required Date	Est. Time	Gage Type	Tech
400050 0000 00000	AMACG 0001AH	09-09-2008	09-09-2008	00:00:00	AIR COMPARATOR	
400266 0000 00000	AMASS 0007A	12-04-2008	12-04-2008	00:00:00	AIR SPINDLE	
401117 0000 00000	AMASS 0518A	12-08-2007	12-08-2007	00:00:00	AIR SPINDLE	
400280 0000 00000	AMASS 0010A	12-04-2008		00:00:00	AIR SPINDLE	
400283 0000 00000	AMASS 0011B	12-04-2008		00:00:00	AIR SPINDLE	
400488 0000 00000	AMASS 0118A	12-08-2008	12-18-2008	00:00:00	AIR SPINDLE	billbek
123456 02	AMASS 9000C	01-08-2009		00:00:00	MECHANICAL	EGASTON
400269 0000 00000	AMASS 0008D	11-11-2008	11-21-2008	00:00:00	AIR SPINDLE	
400319 0000 00000	AMASS 0022F	12-30-2008		00:00:00	AIR SPINDLE	Plant 11
401102 0000 00000	AMASS 0508A	12-11-2008		00:00:00	AIR SPINDLE	

Start Calibration

Start Calibration or mark as Missing In Action?

Serial:
 Return Date:

Gage:
 Est. Time:

Type:
 Tech:

Perform Calibration

A**UTOCRIB**
INDUSTRIAL VENDING INNOVATION

- Calibration In Process

Metrology Lab: [Logout](#)

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Pause
Abort
Next

Serial:

Asset Tag:

Charge No:

Gage:

Dept:

Temp STD: Actual:

Description:

Return Dt:

Humidity STD: Actual:

Est. Time:

View Instruction Manual
View Calibration Procedure
Add Notes

Calculate

Attribute	Standard	Standard Serial	Nominal	Unit	Low	High	As Found Actual	Adjusted Actual	Pass	Rec SOT	Result	SOT Error
Valid	400001 0000 00000	AMACB.0001BA					<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PASS	False

Calibration results

AUTOCRIB INDUSTRIAL VENDING INNOVATION		Metrology Lab: <u>EMET - EA Metrology De</u> Logout	
<input type="button" value="Abort"/> <input type="button" value="Finish"/>			
Serial:	<input type="text" value="AMASS 0007A"/>	Start Time:	<input type="text" value="1/6/2009 4:27:29 PM"/>
Gage:	<input type="text" value="400266 0000 00000"/>	End Time:	<input type="text" value="1/6/2009 4:30:49 PM"/>
Type:	<input type="text" value="AIR SPINDLE"/>	Est. Time:	<input type="text" value="00:00:00"/>
Asset Tag:	<input type="text"/>	Actual Time:	<input type="text" value="00:03:19"/>
Dept:	<input type="text" value="138000"/>	Est. Cost:	<input type="text" value="0.00"/>
Charge No:	<input type="text" value="453563"/>	Actual Cost:	<input type="text" value="0.00"/>
Received In Tolerance:	<input type="text" value="True"/>	Retire:	<input type="checkbox"/>
Sent In Tolerance:	<input type="text" value="True"/>	Retire Date:	<input type="text"/>
Service Type:	<input type="text"/>	Retire To:	<input type="text"/>
Active:	<input checked="" type="checkbox"/>	Rebuilt:	<input type="checkbox"/>
Status Comment:	<input type="text"/>		
<input type="button" value="Work Performed"/>	<input type="button" value="Attachment"/>	<input type="button" value="Notes"/>	
Reset Days: <input type="checkbox"/>	Reset Cycles: <input type="checkbox"/>	Print Certificate: <input type="checkbox"/>	Print Labels: <input type="checkbox"/>
Max Days: <input type="text" value="0"/>			PASS
Last Cal Dt: <input type="text" value="1/6/2009"/>			
Max Freq: <input type="text" value="551"/>			
Cal Freq: <input type="text" value="550"/>			
Next Cal Dt: <input type="text" value="7/10/2010"/>	<input type="button" value="Calendar"/>		

5. Check Out Queue

AUTOCRIB - Check Out
INDUSTRIAL VENDING INNOVATION

Metrology Lab: [Logout](#)

[Home](#)

ID	Gage	Serial	Description	Cert	Crib	Dept	ChargeNo	Status
-19217	355001 1013 00000	355001 1013 00000-0001	TOOL PRESET DWG_DRILL DIA .3125	False			123456	M3
-18183	400050 0000 00000	AMACG 0001B	HI AMP AIR, AIR COMPARATOR GAGE	False	FLOR	120000	123456	M3

Check Out

Release Gage to Shop Floor or Toolroom?

Gage:

Serial:

Report examples

IN CALIBRATION REPORT

<u>Item</u>	<u>Serial</u> <u>GageType</u>	<u>Description1</u> <u>Description2</u>	<u>Status</u>
111111 0000 00000	111111 0000 00000-0001 NEEDS CODE	JIX FIXT NOT ASSIGNED TOOL NAME TEST	IN QUEUE
111111 0000 00000	111111 0000 00000-0001 NEEDS CODE	JIX FIXT NOT ASSIGNED TOOL NAME TEST	IN QUEUE
123456 02	AMASS 9000C MECHANICAL	0.5000" - 0.5005" / 0.750" / 0.021"	IN QUEUE
16250	16250 01 Electronics	Thermometer Thermister	IN QUEUE
200057	200057 02 ELECTRONICS	READOUT AND SCALE	IN QUEUE
2088034	2088034 01 Electronics	X-Y RECORDER	IN QUEUE
355001 1013 00000	355001 1013 00000-0001 SPOT DRILL	TOOL PRESET DWG,DRILL DIA .3125 INCL ANG 120,SHNK DIA .3125	READY TO CHECK OUT
355015 1106 00000	355015 1106 00000-0001 MECHANICAL	TOOL PRESET DWG,DIA .1875 RAD .000/.000-00,LOF 3.500	IN QUEUE

CALIBRATION DATA RECORD							
Moog Inc. EA Metrology Depart		Serial No: AMASS 0001A	Procedure No: bill cal procedure	Sheet: 1			
UNIT UNDER TEST:	400233 0000 00000	TEST RESULTS:	PASS				
SERIAL NUMBER:	AMASS 0001A	CAL DATE:	January 07, 2009				
ASSET NUMBER:		CAL DUE:	November 16, 2008				
PROCEDURE NAME:		SERVICE TYPE:	Maintenance				
PROCEDURE REV:		TEMPERATURE:	71.2				
CALIB INTERVAL:	0	HUMIDITY:	55.6				
CALIBRATED BY:	WROSE	MARGINAL TEST:					
STAMP NO:	666	ADJUSTMENTS:	0				
Comments:		FAILED TESTS:	0				
		SIGNIFICANT OOT'S:	1				
Label	Nominal	Unit	Low	High	Result	% of Tol	Pass/Fail
Model No: 400001 0000 00000	Serial No: AMACB 0001BA			Cal Date: December 29, 2008			
Valid						0.00	PASS