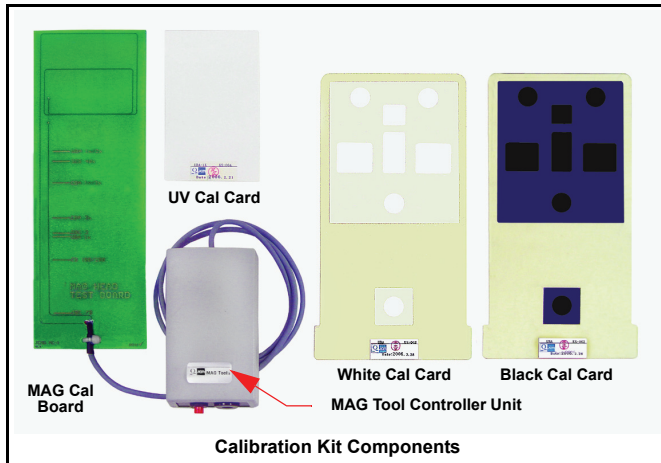


**www.jcm-american.com**

The JCM Website provides the tools required to service all of our products. This includes a software information database containing DIP Switch information, Customer Notifications, Product Manuals, Diagnostic Applications and much more.

### Parts are Parts



**Part No.** 701-1000086RA

**Description:** UBA Calibration Kit

**Usage:** The UBA Calibration Kit contains the new MAG Board Tool and Power Supply, a MAG Calibration Card and three (3) other Calibration Cards. The new MAG Board Tool is a much smaller, lighter and less expensive version of the MG-03 MAG Board Power Supply used on previous JCM Validators.

**Note:** The UBA requires calibration when one of the Printed Circuit Boards, Sensor, or the CPU Board is removed or replaced.

### Latest JCM Software Listing

UNIT	ID	Version*	CRC or Check Sum
UBA-10/11-SS	ID-003	V1.71-16	AD3C
UBA-10/11-SS	ID-003 Aristocrat Only	V1.76-17	5DF3
UBA-10/11-SS	ID-024	V1.77-17	719A
UBA-14/24-SS/SU	ID-003	V-1.71-16	CRC=7B3F
UBA-14/24-SS/SU	ID-0G8	V-1.76-63	CRC=487D
UBA-14-SS & UBA-24-SS/SU	ID-024	V1.92-27	CRC=EA7A
UBA-14-SS & UBA-24-SS/SU	ID-028	V1.76-13	CRC=650A
WBA-12/13-SS	ID-003	V-3.75-32i*	C9AB
WBA-12/13-SS	ID-022/023	V-3.75-03i*	90D5
WBA-12/13-SS	ID-044C	V-3.75-05i*	FE10
WBA-12/13-SS	ID-044	V-3.75-05i*	D716
WBA-12/13-SS	ID-024	V-3.75-34	CD3B
DBV-200-B0/B1	ID-022/023	V-2.61-04-03	79E0
DBV-200-A2/A3	ID-044P/045P	V-2.70-05	AA03
DBV-200-A2/A3	ID-044WP/045WP	V-2.61-05	19F7
DBV-200-B4/B5	ID-024	V-2.70-11	6C31
DBV-200-B4/B5	ID-003	V-2.61-02	9E55

\* an "i" suffix indicates Intelligent Cash Box option.

The list of JCM Banknote Validator Software provided herein notifies customers of the latest versions developed. However, the listing does not identify versions approved by gaming jurisdictional authorities for actual use. Customers should consult JCM's Parts Sales departments concerning approved versions for jurisdictions of intended use.

### Technical Notes

Select one of the following steps to locate the Calibration Programs for your particular UBA Series JCM Product. There are three programs available to calibrate the UBA product line.

1. The Program for calibrating the UBA 10 and 11 Series is located at: [http://www.jcm-american.com/products/software/download/UBA\\_1x\\_ADJTOOL\\_V21006.zip](http://www.jcm-american.com/products/software/download/UBA_1x_ADJTOOL_V21006.zip).
2. The Program for calibrating the UBA 14 and 24 Series is located at: [http://www.jcm-american.com/products/software/download/UBA\\_x4\\_ADJTOOL\\_V21006.zip](http://www.jcm-american.com/products/software/download/UBA_x4_ADJTOOL_V21006.zip).
3. The Program for calibrating the UBA 10 and 11 Series through its USB port as-well-as providing additional statistical and download programs is located at: [http://www.jcm-american.com/products/software/download/UBAToolSuiteStandardEdition\\_Ver106.zip](http://www.jcm-american.com/products/software/download/UBAToolSuiteStandardEdition_Ver106.zip).

### Save Time and Labor with JCM's Intelligent Cash Box System

The ICB® (Intelligent Cash Box) system is a unique cash management system that allows the operator to track a Cash Box and its contents through the entire cash process. The ICB system eliminates the need for dedicating Cash Boxes to specific machines, or putting barcode identification labels on the Cash Boxes. The Cash Boxes are tracked electronically eliminating most variance issues, and with the custom reports provided to each department, accuracy and efficiency is greatly improved.





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## Technical Tips

**Question:** When using the UBA Calibration Program, I get an Error Code. What do these Error Codes mean?

**Answer:** There are several Error Codes that may present themselves during a calibration procedure. Use the following chart to troubleshoot their causes.

### UBA Calibration Error Code Types

#### • Front/Back/PBIN/Width Level Error (4-G)

1. During the UV Sensor adjustment, when asked to insert the White Calibration Card, the UV Calibration Card is accidentally inserted instead.
2. If the UBA is not installed in a Frame.
3. If a defective Exit Sensor.
4. Missing or dirty TR Lens, Exit Sensor Lens.

#### • A/D Data Level Error ( )

1. If the White Reference Card is not inserted all the way in (short) after a UV Sensor adjustment.

#### • UV Gain MAX Limit Over Error ( )

1. The UV Sensor Reference Paper is inserted upside down.

#### • Gain Up Test Error (4-A)

1. The Black Reference Card was inserted instead of the White one.

#### • Communication Error

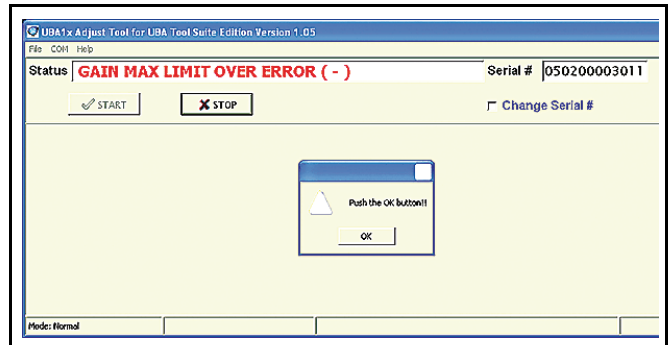
1. The White Reference Card was left inside the Unit (Black Card was not inserted).
2. If the Black Reference card is left inside the Unit (White Card was not inserted)

#### • Gain Max Limit Over Error (-)


1. The White Reference Paper was not inserted when requested, or "OK" was not Mouseclicked.

#### • Adjustment Error (MAG)

1. The Magnetic Head adjustment value was below its minimum values (20 - 35).
2. If a defective Magnetic Head Error value appears in the Gain Window (typical 174-255), The higher the number, the more shorted the Magnetic Head has become. Or, the more active the Head (e.g., signals are being generated before the MAG Card is inserted).



Calibration Error Screen (Partial View)

	<b>JCM TECHNICAL SUPPORT CONTACTS</b>		
	<b>General Product Support:</b>		
	Toll Free Product Support	(800) 683-7248	techsupport@jcm-american.com
	Training	(800) 683-7248	training@jcm-american.com
	<b>After Hours Support</b>		
	JCM prides itself in offering the best customer service in the industry. We prove this by offering a 24 hour hotline, where technical support personnel can be reached at any time, 7 days a week. To reach our 24/7 after hour's hotline, just follow these three easy steps:		
	<ol style="list-style-type: none"> <li>1. Call JCM American at (800) 683-7248, then</li> <li>2. Select option 5 and wait for the call to be transferred to the JCM after hour's Technical Support line.</li> <li>3. Speak with a certified JCM support technician about your situation.</li> </ol>		
	<b>TOVIS TECHNICAL SUPPORT CONTACTS</b>		
	<b>Tovis Support Center</b>		
	Product Support - Tovia Service Center	(702) 263-5560 (Mon - Fri, 9am - 5pm)	roy@tovism.com
	Parts & Service	(702) 263-5560	roy@tovism.com
	<b>TRANSACT TECHNICAL SUPPORT CONTACTS</b>		
	Product Support	(877) 748-4222 Option-3	techsupport@transact-tech.com
	Parts	(877) 748-4222 Option-2	techsupport@transact-tech.com
	Service	(877) 748-4222 Option-2	http://www.transact-tech.com/tsg/rma.html



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