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The JCM Global 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 more.

### Parts are Parts



**Part No.** 701-100086RA

**Description:** New MAG Head CalibrationTool

**Usage:** The MAG Head Tool is used during a UBA® Validator Calibration Process. Within the Calibration Program a step exists for setting the sensitivity value of the Magnetic Sensor. This value must be within specification in order for the Validator to properly identify legitimate Banknotes.

**Note:** Be sure to set the Magnetic Sensor's value to the peak measurement to obtain an accurate adjustment. Follow the instructions found on pages 6-1 through 6-7 in the UBA® Series Operation and Maintenance Manual available at: [http://www.jcmglobal.com/Libraries/Product\\_Manuals/UBA\\_Manual.sflb.ashx](http://www.jcmglobal.com/Libraries/Product_Manuals/UBA_Manual.sflb.ashx).

### Latest JCM Software Listing

UNIT	Country	ID*	Version†	Check Sum	CRC
UBA-10/11-SS	USA	ID-003	V2.06-21	028E	
UBA-10/11-SS	USA	ID-024	V2.06-17	7E99	
UBA-14/24-SS/SU	USA	ID-003	V-2.06-21		7BAA
UBA-14/24-SS/SU	USA	ID-0G8*	V-2.06-66		F6&E
UBA-14-SS & UBA-24-SS/SU	USA	ID-024	V2.06-28		EE8D
UBA-14-SS & UBA-24-SS/SU	USA	ID-028*	V2.06-18	AEC9	A6F0
UBA-25-SS/SU	USA	ID-024*	V2.05-28	2CB2	
UBA-25-SS/SU	USA	ID-028*	V2.06-18	05D6	
WBA-12/13-SS	USA	ID-003	V-3.80-32i†	0ABC	
WBA-12/13-SS	USA	ID-044C*	V-3.75-05i†	FE10	
WBA-12/13-SS	USA	ID-044*	V-3.75-05i†	D716	
WBA-12/13-SS	USA	ID-024*	V-3.80-34	D1F3	
UBA-10/11-SS	EUR	ID-003*	V-2.05-24	80DC	
UBA-10/11-SS	SWE	ID-003*	V-2.05-20	A3E5	95B2
UBA-10/11-SS	ZAF	ID-003	V-2.05-20	E57F	2F46
UBA-10/11/12-SS	BWA	ID-003*	V-1.96-20	D605	3342
UBA-10/11/12-SS	BGR	ID-003*	V-2.05-20	DA20	21D1
UBA-10/11/12-SS	EST	ID-003*	V-2.05-20	97B4	52BF
UBA-10/11/12-SS	NAM	ID-003*	V-2.05-20	D12C	A4C1
UBA-10/11/12-SS	TUR	ID-003*	V-1.98-20	D722	584A
UBA-10/11/12-SS	DNK	ID-003	V-2.05-21	4F2B	
UBA-10/11/12-SS	DNK+EUR	ID-003E*	V-2.05-21	D4C7	
UBA-10/11/12-SS	BIH	ID-003*	V-2.05-20	88F1	D73A
UBA-14-SS & UBA-24-SS/SU	EUR5	ID-003*	V-1.95-20		2BB1
UBA-14-SS & UBA-24-SS/SU	ZAF	ID-003*	V-2.05-20	C3AC	0653
UBA-14-SS & UBA-24-SS/SU	GBP+SCO	ID-003*	V-2.05-20	DBC7	8FE5

\* . an asterisk signifies this ID# does not appear on the JCM Web Site.

† . an "i" suffix indicates Intelligent Cash Box Option compatibility.

The list of JCM Banknote Validator Software provided herein notifies Customers of the latest Software Versions developed. However, the listing does not identify Versions approved by Gaming Jurisdictional Authorities for actual use. Customers should always consult the JCM's Parts Sales Departments concerning approved Versions for use in their specific jurisdictions intended for operation.

### Current Service Manuals

Product	Revision	Product	Revision
DBV-30X	3	TSP-02	B
EBA-03	2	UBA 10/11/14/24/25	3
ICB	3	WBA-1X/2X	1
Tiako (PUB-7/11)	A	N/A	

### 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:** How do I calibrate a UBA<sup>®</sup> using the new MAG Tool.

**Answer:** The easiest way to calibrate a UBA<sup>®</sup> Unit is by using the new UBA USB Tool Suite Application. This program not only allows calibration, but also contains the ACC Load statistic application and Download Tool as well. The UBA USB Tool Suite Application is available on the JCM Website at: [http://www.jcmglobal.com/Libraries/Software\\_Tools/USB\\_Tool\\_Suite.zip](http://www.jcmglobal.com/Libraries/Software_Tools/USB_Tool_Suite.zip).

The UBA USB Tool Suite requires that Version 1.71 or later Software be installed in the Validator. This is the Next Gen \$5 Version of Software that was released in February 2010. Prior Software Versions WILL NOT respond to the UBA USB Tool Suite.

Launch the Sensor Adjustment Tool from the Drop-down Menu and follow the prompts as outlined in the UBA Service Manual available on line at: [http://www.jcmglobal.com/Libraries/Product\\_Manuals/UBA\\_Manual.sflb.ashx](http://www.jcmglobal.com/Libraries/Product_Manuals/UBA_Manual.sflb.ashx).

Once the Optical Adjustments are complete, the program will prompt for insertion of the MAG Tool Circuit Board ①. Insert it into the Validator you are adjusting until it reaches the proper scribed line on the Circuit Board ②. Turn the MAG Tool ON by pressing the Red Indicator Button on the Box ③. Press Enter on the Computer and slowly move the Board forward and back seeking the peek Voltage indicated on the sliding "MAG Data:" Barograph ④. Once the peek "GAIN" Voltage ⑤ is obtained, press the Computer's Space Bar to write the new adjustment value into memory. When "ADJUSTMENT SUCCESSFUL!!" appear in the "Status" Field ⑥; MAG Tool calibration is now complete.

The diagram shows a grey MAG Tool box connected to a green circuit board. Red arrows and numbers 1, 2, and 3 indicate the board insertion point, the scribed line, and the red indicator button respectively. The screenshots show the software interface with the following steps:

- Step 7 of 7: MAG HEAD Adjustment**: The interface shows a 'MAG PEEK' barograph with a red box around the 'MAG Data' field.
- MAG GAIN ADJUST**: The interface shows the 'GAIN' value set to 39 in a red box.
- ADJUSTMENT SUCCESSFUL!!**: The status field shows the successful completion of the adjustment.

**Magnetic Sensor Calibration Procedure**  
MAG Tool Program



### JCM TECHNICAL SUPPORT CONTACTS

JCM TECHNICAL SUPPORT CONTACTS		
<b>Headquarters (Japan)</b>		
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<b>Southeast Asia</b>		
Sales and Service	853 28 72 2648	jim.teng@jcmglobal.com
<b>North/South America/Canada/Caribbean</b>		
Toll Free Product Support	(800) 683-7248 or (702) 651-0000	techsupport@jcmglobal.com
<b>After Hours America's Support</b>		

JCM American 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:  
 1.) Call JCM American at (800) 683-7248. 2.) Select "Option 5" and wait for the call to be transferred to the JCM after hour's Technical Support line.  
 3.) Speak with a certified JCM support technician about your situation.

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