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## Parts are Parts



Figure 1 Waffletechnology Cleaning Card (P/N 501-000180R)

**Part No.** 501-000180R

**Description:** Cleaning Card, WAFFLETECH, UBA®

**Usage:** JCM's Waffletechnology® Cleaning System brings routine Validator cleaning tasks into the realm of automation. The Waffletechnology® Cleaning Card (**Figure 1**) features special cutouts that are recognized by the UBA® Banknote Validator, triggering an automated cleaning cycle. (Cleaning Mode software is active in all JCM UBA Banknote Validators.) When the Cleaning Card is inserted into the Validator, it instructs the Validator to make several passes over the Sensor Lenses, Rollers and Belts, removing Bill Path contaminants from within the Validator.

Regular maintenance using JCM's Waffletechnology Cleaning Cards enhances the property's preventive maintenance procedures, helping to maintain UBA product performance, improve Banknote acceptance rates and increase customer satisfaction.

## Latest JCM Software Listing

UNIT	Country	ID	Version	Check Sum	CRC
UBA-10/11-SS	USA	ID-003	V-2.78-51	D6F5	0653
UBA-10/11-SS	USA	ID-024	V-2.78-24	9478	0C33
UBA-14/24-SS/SU	USA	ID-003	V-2.78-39	C51D	9914
UBA-14/24-SS/SU	USA	ID-0G8	V-2.80-74	8062	8DD4
UBA-14/24-SS/SU	USA	ID-024	V-2.78-36	5CC9	9374
UBA-14/24-SS/SU	USA	ID-028	V-2.78-25	91A6	8F70
iPRO-101	USA	ID-003	V-2.30-25	3112	6B08
iPRO-101	USA	ID-024	V-2.00-10	7CC4	0462
iPRO-101	USA	ID-028	V-1.77-04		2717
iPRO-101	USA	ID-0G8	V-2.20-07	F257	8343
iPRO-101	USA	ID-008	V-1.82-02	0584	48E8
iVIZION-100 SS/SU	USA	ID-003	V-2.53-38	DB41	44F9
iVIZION-100 SS/SU	USA	ID-008	V-2.56-20	3B11	1534
iVIZION-100 SS/SU	USA	ID-024	V-2.53-15	F6E4	21DD
iVIZION-100 SS/SU	USA	ID-028	V-2.53-30	6F1A	1FD5
iVIZION-100 SS/SU	USA	ID-0G8	V-2.66-32	1366	7736
UBA-10/11-SS	CAN	ID-003	V-2.80-52	14BD	3173
UBA-10/11-SS	CAN	ID-024	V-2.80-25	6A81	0231
UBA-14/24-SS/SU	CAN	ID-003	V-2.80-40	17E2	6B08
UBA-14/24-SS/SU	CAN	ID-024	V-2.80-37	BA95	421D
UBA-14/24-SS/SU	CAN	ID-028	V-2.80-25	F855	AC90
UBA-14/24-SS/SU	CAN	ID-0G8	V-2.80-74	C4C6	CF09
iPRO-100	CAN	ID-003	V2.31-26	F3F1	54EC
iPRO-100	CAN	ID-008	V1.82-02	8572	0CA6
iPRO-100	CAN	ID-024	V-2.31-12	7D39	1C91
iPRO-100	CAN	ID-028	V-2.31-06	D789	0653
iVIZION-100 SS/SU	CAN	ID-003	V-2.72-40	B5C4	6451
iVIZION-100 SS/SU	CAN	ID-024	V-2.72-15	FF21	EE81
iVIZION-100 SS/SU	CAN	ID-028	V-2.72-30	D668	7F97
iVIZION-100 SS/SU	CAN	ID-0G8	V-2.72-36	F4E5	65CF

The Latest JCM Software Listing (shown above) identifies specific software versions that have been released to OEMs. It is the responsibility of the OEM to obtain all required approvals from Gaming Regulators and Jurisdictional Authorities necessary for use of approved software versions. Contact the Game Manufacturer (OEM) for information on specific software releases approved for use within your gaming jurisdiction.

JCM recommends using the latest version for maximum acceptance, security, and performance.

## JCM Service Offerings

JCM offers the following services to help keep your JCM Products performing within factory specifications:

- **Warranty and Non-Warranty Service and Repair**
- **Preventive Maintenance Programs**
- **Custom Training Classes**
- **ICB Data Analysis**
- **Unit Exchange Programs**
- **Validator Performance Analysis**

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## Technical Tips

**Question:** Is an update available for the BlueWaveDX™ Tool Firmware?

**Answer:** The BlueWaveDX Tool (**Figure 2**) Firmware has been updated to Version 2.13. This version of Firmware includes the following feature updates:

- iVIZION® ICB® Enhancement using the ICB function;
  - Enable/Disable ICB on the iVIZION Validator
  - Set an Alphanumeric Asset Number into the iVIZION Validator
  - Set ICB Cash Box to inhibit (turn ICB functionality OFF)
- iVIZION® Performance Testing is enabled;
  - Perform all iVIZION diagnostic tests using the BlueWaveDX Tool
  - Motor Tests
  - Sensor Tests
  - Acceptance Test
- GEN2™/GEN3/GEN5™ Printer Firmware Updating.

Contact JCM Technical Support for information on obtaining the BlueWaveDX Firmware Update at [support@jcmglobal.com](mailto:support@jcmglobal.com)

For additional information on JCM Products, visit the JCM Global website at [www.jcmglobal.com](http://www.jcmglobal.com), or contact your local JCM Sales Representative at (800) 683-7248.



Figure 2 BlueWaveDX™ Tool (DT-300) Unit (P/N 214780)

## Current Service Manual Releases

Product	Rev.	Product	Rev.
DBV-30X	4	iVIZION	6
DBV-500 Operations Manual	1	Taiko (PUB-7/11)	6
DBV-400 Operations Manual	1	TBV	2
DT-200 BlueWave 2	7	TBV-101-ASH	A
EBA-40	2	UBA-10/11/14/24/25	3b
ICB Service Manual	4	UBA-RC	2
ICB 3.0 Web Reports Ops Manual	2	VEGA	4
iPRO	1	VEGA-RC	3
iPRO-RC	2	FLDFU Download Manual	3
RC-10 Service Manual	1	FL Operator & Technician's Manual	3
JCM Tool Suite	4	GEN5™ Operations Manual	A

To access JCM Product Manuals, please visit: [www.jcmglobal.com](http://www.jcmglobal.com)

JCM TECHNICAL SUPPORT CONTACTS		
<b>Headquarters (Japan)</b>		
Sales and Service	+81-3-5962-3731	hq-jp@jcmglobal.com
<b>Europe, Middle East, Africa, Russia</b>		
Sales	+49-211-530645-50	hq-eu@jcmglobal.com
Service	+49-211-530645-60	
<b>Australia, Oceania</b>		
Sales and Service	+612 96 48 0811	australia@jcmglobal.com
<b>Southeast Asia</b>		
Sales and Service	+853 28 72 2684	asiasupport@jcmglobal.com
<b>North/South America/Canada/Caribbean</b>		
Toll Free Product Support	(800) 683-7248 or (702) 651-0000	support@jcmglobal.com
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