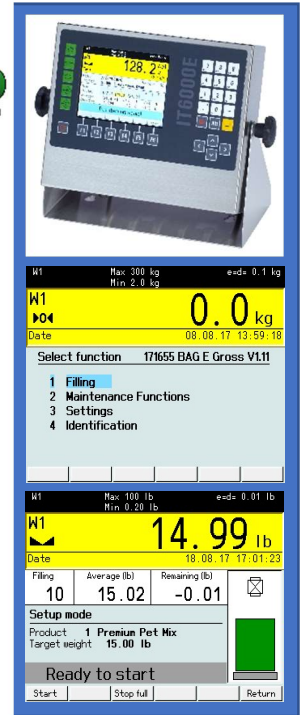
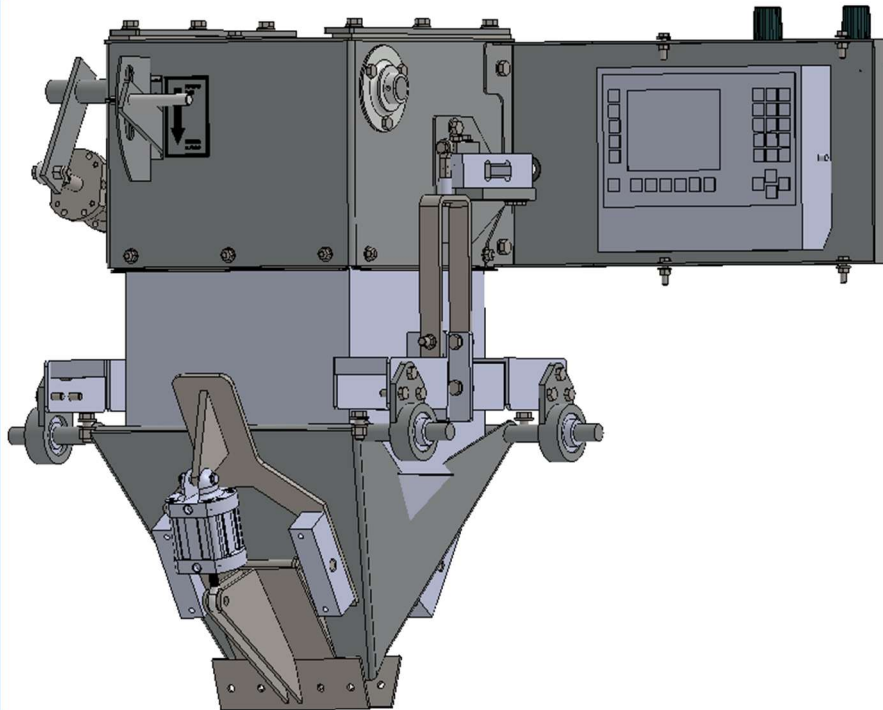


DIGITAL ROYAL BAGGING SCALE

BY JEM INTERNATIONAL



10 Bag per Minute, Easy to Operate Bagging Scale with “Smart Setup” to accurately weigh all your various products. US manufactured, two-speed bag filling system with record keeping, product traceability and data collection available.



BENEFITS and FEATURES:

- 10 Bags per Minute with 0.2 lb/0.1 kg Weight Accuracy or 7 Bags per Minute with 0.1 lb/0.05 kg Weight Accuracy
- Two 100KG Load Cells with NIST test Weight Included
- Weights and Measures Approved, Stainless Steel Digital Controller
- 99 Memory-Retained Recipe Code Storage – 20 Character Name
- “Smart Setup” Ten Bag Start with Auto-Adjustment
- Bag Weight Data Collection with Product Name and Lot Number Tracking
- Bulk and Dribble Dual-Speed Gravity Gate Design for granular and pelleted products
- Belt, Auger and Vibratory Pan Feeders Available for Texturized, Cube, Flake, Powder, Flour and other Semi-Free Flowing Products
- Quick-Hang, Hand-Clearing, High Capacity Clam Shell Spout Design
- No Bag - No Fill Electrical Signal
- Same mounting pattern as GWM, GB32 and HR17 Mechanical Scales and GWD, JMDT, JM-FF-ED Digital Scales
- Designed for 10 pound to 110 pound (5 kg to 50 kg) Bag Weights
- Box and Pail Filling Adaptor Available
- Dust Tight Spouts and Dust Collection Ports Available
- RS 232-485 and TCP/IP Ports Available for Data Transfer and Printing
- Lab View Data Analysis Application Available for Purchase

JEM International, Inc.
6873 Martindale Shawnee, KS 66218 USA
Phone: 913-441-4788
www.JemBaggingScales.com

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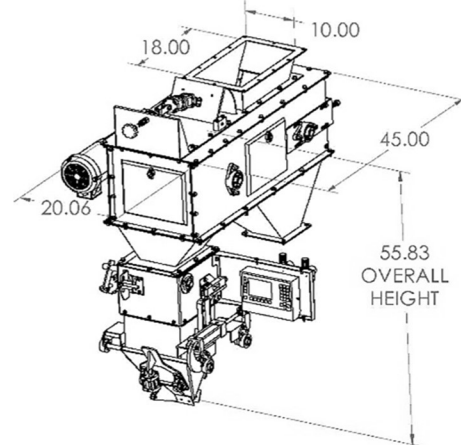
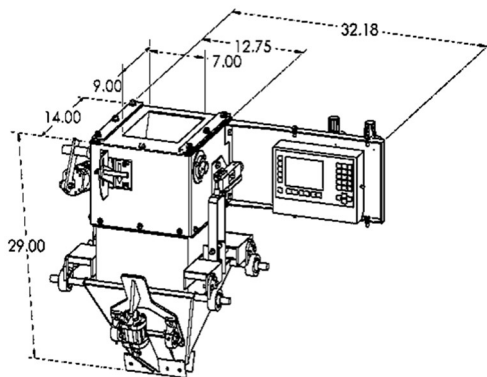
DIGITAL ROYAL BAGGING SCALE

BY JEM INTERNATIONAL



SPECIFICATIONS AND TECHNICAL DATA:

- STAINLESS STEEL CONTROLLER – IP65 WITH 5.7" TFT COLOR DISPLAY
- LARGE WEIGHT DISPLAY AND INPUT LINES FOR 44 CHARACTERS
- WEIGHTS AND MEASURES APPROVED DATA ARCHIVE
- 99 MEMORY RETAINED RECIPE STORAGE
- MULTI-LANGUAGE OPERATOR PROMPTS, LB AND KG WEIGHING AND CALIBRATION
- RS-232 AND 485, USB AND RJ-45 COMMUNICATION PORTS
- 110 OR 220 VAC POWER SUPPLY *THREE-PHASE POWER RECOMMENDED FOR FEEDERS WITH MOTORS
- 14° F TO 104°F (-10°C TO +40°C) OPERATING TEMPERATURE
- CLAM SHELL BAG SPOUT WITH ADJUSTABLE DISCHARGE CIRCUMFERENCE
CS6: 26 INCH – 37 INCH DIAMETER OPENING OR CS10: 36 INCH – 44 INCH DIAMETER OPENING
21", 25" AND 31" DUST-TIGHT AND CENTER GRIP SPOUT CIRCUMFERENCES AVAILABLE
- FOOT PEDAL CLAMP ACTIVATION
- 9 INCH X 7 INCH (22.5 CM X 17.5 CM) PRODUCT CHUTE
- TWO SPEED BULK AND DRIBBLE FILL CYCLE
- SMART SETUP MODE AFTER PRODUCT CHANGE-OVER WITH AUTO WEIGHT ACCURACY ADJUSTMENT
- 12-24VAC LOW VOLTAGE CONTROLS WITH STEP-DOWN TRANSFORMER AND POWER SUPPLY INCLUDED
- ICCL HT-KD WOOD CERTIFICATION FOR EXPORT
- SHIPPING DIMENSIONS: 48"X 40"X 40" (120 CM X 100 CM X 100 CM) AT 250 POUNDS (114 KGS)
- MANUFACTURED IN THE UNITED STATES



AVAILABLE OPTIONS:

- BELT, AUGER AND VIBRATORY PAN FEEDERS
- STAINLESS STEEL CONTACT OR ALL STAINLESS STEEL CONSTRUCTION
- AIR OPERATED DUST TIGHT SPOUT AND DUST COLLECTION PORT
- SCALE PEDESTAL AND SURGE HOPPERS
- BOX AND PAIL FILLING ATTACHMENT
- FOOD, PHARMACEUTICAL AND WASHDOWN UPGRADES
- PORTABLE FRAMEWORK WITH ADJUSTABLE HEIGHT BAG FILLING CONVEYOR
- WLAN AS OPTION, MODBUS TCP SLAVE AS OPTION, AND LABVIEW REPORTING APP AS OPTOIN
- BAG CLOSING EQUIPMENT
- START-UP AND TECHNICAL TRAINING

JEM International, Inc.
6873 Martindale
Shawnee, KS 66218 USA
Phone: 913-441-4788

www.JemBaggingScales.com

~ MADE IN THE USA ~

Distributed by:

IT6000E



W&M Approved Weighing Terminal

For Gross and Net Weighing and Filling Applications

IT6000E - For Gross and Net Weighing and Filling Applications

Stainless steel housing IP69K

Suitable for harsh environment weighing locations.
With mounting brackets for desk-top or wall-mount installation. Integrated power supply unit, sealed cable glands for all cable connections.

Bright TFT color display

With wide viewing angle, large weight display and 4 to 8 input lines.



Simple and fast operation

Via integrated keyboard, function keys and soft keys, optional full-size PC keyboard (cable or Bluetooth).

Stationary or mobile use

With integrated 110 - 240VAC power supply unit or via external 12/24VDC battery.

Universal use

The W&M approved IT6000E is designed for demanding industrial applications in the chemical and pharmaceutical industry, in the food industry and in many other sectors of industry. The industrial design with the powerful modular hardware and the concept of free programmability make the IT6000E the ideal weighing terminal for standard or application-specific solutions, eg for:

- Shipping and receiving
- Filling of liquid and solid material
- Checkweighers
- Dynamic weighing and batching systems
- Vehicle weighing
- Mobile data capture systems.

Weighing electronics

1 or 2 internal scale interfaces possible.
Adjustable update rate with up to 800 updates / second. High noise immunity of min. 10V/m against radio frequency interference .
W&M approved resolution of up to 6000d with max. 80% preload. Calibration is possible as single or multiple-range (eg 3x3000d) and as multi-interval scale.
Internal data archive for the storage of up to 120,000 weighing transactions.

Modular concept

The modular design provides for a variety of configurations and options, such as:

- Enclosures for wall-mount, desk-top or panel-mount installation
- DC or AC power supply
- Connection of scales with analog or digital force transducers
- 10/100 Mbps Ethernet interface with integrated web server, WLAN as option
- Integrated USB 2.0 host interface for printer, scanner and USB stick
- Up to 2 serial interfaces, RS232, RS485, RS422, 20mA CL selectable
- Flexible I/O concept for up to 64 inputs and outputs
- Analog I/Os, etc.

This ensures that the optimal system configuration can be chosen, for stationary as well as mobile use.

Free programmability

Standard programs can be adapted to the requirements of specific applications.

New programs can be designed and tested in a very simple way on a PC with the RTC program development environment.

Simple integration

The Linux based operating system with the integrated web server provides the ideal functionality for the integration of the IT6000E into local area networks.

WLAN communication and remote access via internet are also possible.

Data Collection Samples:

Eagle Net Weigh

SEQID	RECIPE	LOT	DATE	TIME	TARGET	GROSS			
1	SALT 50	7415	12/4/2017	9:19:47	50.00lb	50.00lb	Bags per minute:	12	
2	SALT 50	7415	12/4/2017	9:19:52	50.00lb	50.05lb			
3	SALT 50	7415	12/4/2017	9:19:57	50.00lb	50.00lb	% of Error:	.06 *	
4	SALT 50	7415	12/4/2017	9:19:52	50.00lb	50.00lb			
5	SALT 50	7415	12/4/2017	9:19:58	50.00lb	50.05lb	*Based on Data Shown		
6	SALT 50	7415	12/4/2017	9:20:05	50.00lb	50.10lb			
7	SALT 50	7415	12/4/2017	9:20:10	50.00lb	50.05lb			
8	SALT 50	7415	12/4/2017	9:20:15	50.00lb	50.00lb			
9	SALT 50	7415	12/4/2017	9:20:20	50.00lb	50.05lb			
10	SALT 50	7415	12/4/2017	9:20:25	50.00lb	50.00lb			

Falcon Net Weigh

SEQID	RECIPE	LOT	DATE	TIME	TARGET	GROSS			
1	PET FOOD	WM123	12/3/2017	15:35:03	4.00lb	4.00lb	Bags per minute:	20	
2	PET FOOD	WM123	12/3/2017	15:35:06	4.00lb	4.00lb			
3	PET FOOD	WM123	12/3/2017	15:35:09	4.00lb	4.00lb	% of Error:	.10 *	
4	PET FOOD	WM123	12/3/2017	15:35:13	4.00lb	4.02lb			
5	PET FOOD	WM123	12/3/2017	15:35:16	4.00lb	4.00lb	*Based on Data Shown		
6	PET FOOD	WM123	12/3/2017	15:35:19	4.00lb	4.00lb			
7	PET FOOD	WM123	12/3/2017	15:35:22	4.00lb	4.00lb			
8	PET FOOD	WM123	12/3/2017	15:35:25	4.00lb	4.00lb			
9	PET FOOD	WM123	12/3/2017	15:35:28	4.00lb	4.00lb			
10	PET FOOD	WM123	12/3/2017	15:35:31	4.00lb	4.02lb			

Royal Gross Weigh

SEQID	RECIPE	LOT	DATE	TIME	TARGET	GROSS			
1	CORN25KG	RP10521	11/30/2017	10:22:26	25.00KG	25.00KG	Bags per minute:	7.5	
2	CORN25KG	WM123	11/30/2017	10:22:34	25.00KG	25.02KG			
3	CORN25KG	WM123	11/30/2017	10:22:42	25.00KG	25.00KG	% of Error:	.04 *	
4	CORN25KG	WM123	11/30/2017	10:22:50	25.00KG	25.00KG			
5	CORN25KG	WM123	11/30/2017	10:22:57	25.00KG	25.04KG	*Based on Data Shown		
6	CORN25KG	WM123	11/30/2017	10:23:05	25.00KG	25.02KG			
7	CORN25KG	WM123	11/30/2017	10:22:13	25.00KG	25.00KG			
8	CORN25KG	WM123	11/30/2017	10:22:21	25.00KG	25.00KG			
9	CORN25KG	WM123	11/30/2017	10:22:29	25.00KG	25.02KG			
10	CORN25KG	WM123	11/30/2017	10:22:37	25.00KG	25.00KG			

IT6000E - Technical Data

Weighing electronics

For the connection of max. 16 analog loadcells in 4- or 6-wire mode, W&M approved resolution of up to 6000d at a max. of 80% preload, internal resolution 524,000d, update rate selectable 50 - 800 updates / second, smallest loadcell signal 0.33µV/e. Optional connection of two scale bases via DUAL-ADM. Option: connection of scale platforms with digital force transducers.

Calibration

Cleartext operator prompting. Setup as single or multiple range scale with 1, 2 or 3 ranges or as multi-interval scale. Calibration with test weights or through entry of rated output of loadcell(s), option for the linearization of the load curve with up to 6 linearization points. Option to connect incline switch.

Electrical connection

110 (-15%) to 240 (+10%)VAC, 50/60Hz via integrated power supply, option: 12 - 30VDC, power consumption max. 20VA.

Operating temperature

-10°C to +40°C, 95% relative humidity, non-condensing.

Display and keyboard

Bright, high-contrast 5.7" TFT color display, 320 x 240 pixel, with wide viewing angle, large weight display and 4 to 8 input lines. Programmable soft keys, numeric keyboard with multiple key assignment for the entry of alphanumeric data, function keys for zero setting and taring, plus application-specific function keys, connection of optional full-size keyboard via USB (cable or Bluetooth).

Serial interfaces

Up to 2 interfaces, selectable RS232, 20mA CL (passive), RS422 or RS485 for printer, precision scales, remote displays, transponder card readers, etc.

Parallel and analog I/Os

Up to 4 internal optoisolated inputs and outputs, 24VDC, or external relay / transistor module (64 inputs, 64 outputs max.). Internal 15-bit analog output, external module for up to 4 analog inputs / outputs as option.

Ethernet interface

10/100BASE-T Ethernet interface with integrated web server, WLAN as option, Modbus TCP Slave as option.

USB

USB 2.0 host interface with optional IP67 connector for PC keyboard, scanner or USB stick.

Security

Powerfail safe storage of data, password protection, battery-backed realtime clock, remote diagnosis over Ethernet / Internet possible.

CPU / operating system

32-bit ARM processor, 266MHz, 0.5MB data memory, expandable. Linux based realtime multitasking operating system.

Free programmability

Comprehensive, PC-based program development and test environment. Programming with RTC *WIN* in 'C' in compliance with WELMEC software guidelines. Complete software development and test / simulation possible on PC.

Options

RTC *WIN*

IT6000E programming environment.

PC *COM+*

Active X component for the communication with PC programs.

Ex2/22 version

for installation in Ex zones 2 and 22.

Construction/options:

Desk/wall version



- Stainless steel housing, IP69K
- for desk-top or wall-mount installation or with optional column for floor mounting
- Dimension WxHxD: 330x229x134mm

Panel-mount version



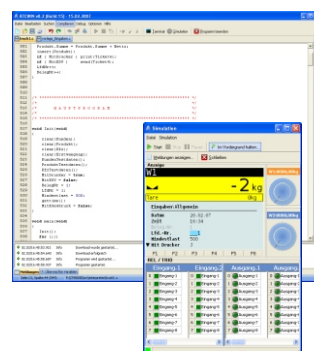
- Stainless steel housing fascia plate protected to IP65
- Panel-mount installation
- Dimension WxHxD: 285x224x69mm
- Cutout in panel: 268x207mm

WLAN



- Option: WLX module to connect to WLAN networks (802.11b/g)
- Secure encryption selectable

RTC *WIN*



Directives: 2009/23/EC, 2004/108/EC, 2006/95/EC, 2004/22/EC

Standards: EN 45501, OIML R76-1, EN 61000-6-2, EN 61000-6-3, NAMUR NE21, EN 60950, OIML R51, OIML R61, OIML R107



EC approval as non-automatic weighing instrument, MID-approval as AGFI, checkweigher, automatic catchweighing instrument, weigh labeler, weigh-price labeler, discontinuous totalizer



NTEP approval as indicating element



ETL certified in accordance with UL 60950-1 and CSA C22.2 No. 60950-1



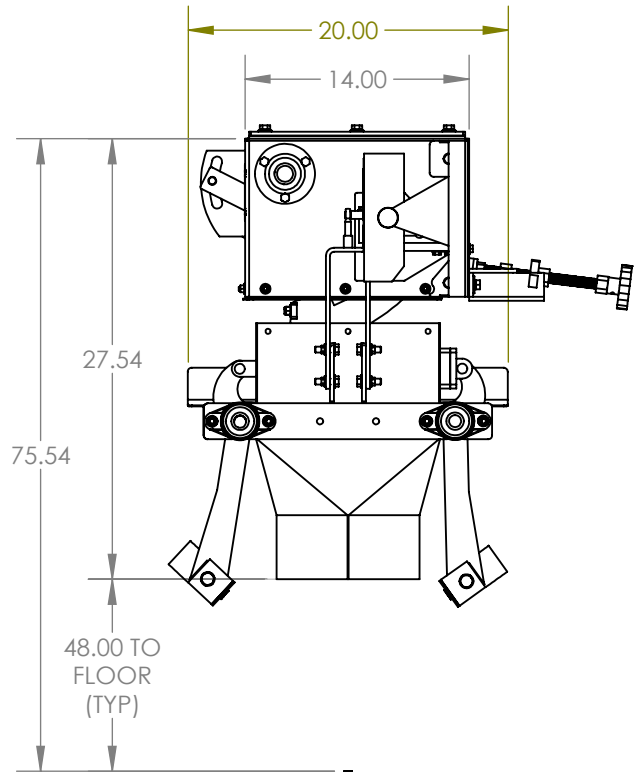
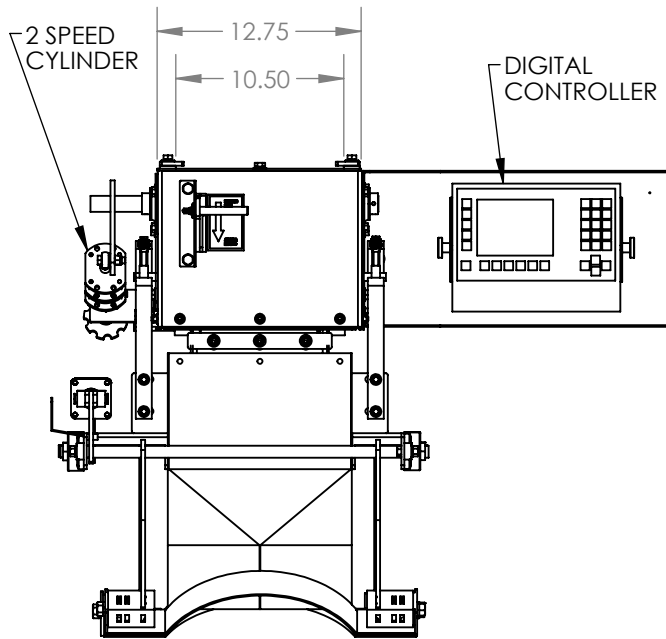
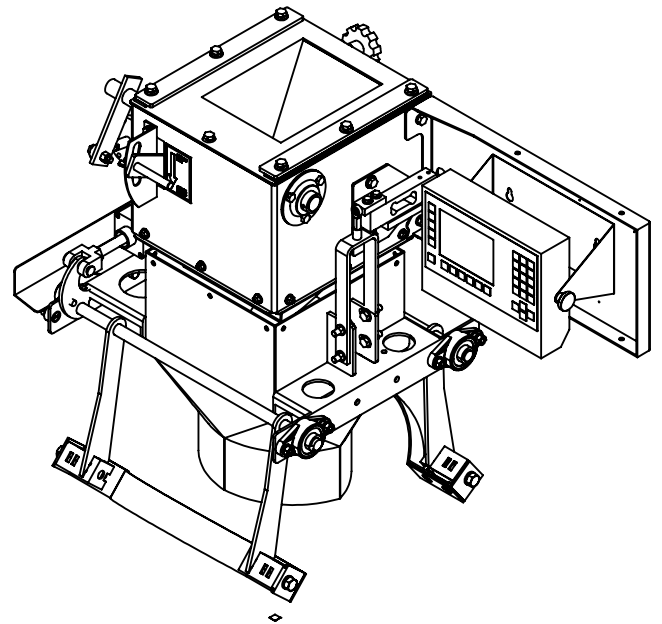
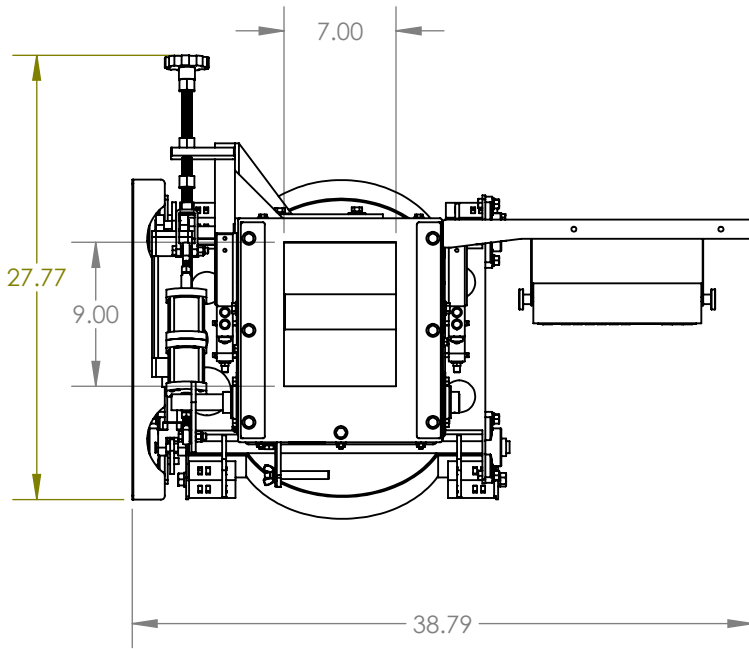
EMI compliance with FCC Part 15



Mesures Canada: Approval as non-automatic weighing instrument



Ukraine: Approval as non-automatic weighing instrument



ELECTRICAL: 110-1-50/60 - 5 AMPS
220-1-50/60 - 5 AMPS
PNEUMATIC: 80 PSI 3-4 CFM

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ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

JEM INTERNATIONAL, INC.

DIGITAL ROYAL
DUST TIGHT SPOUT

SIZE	DWG. NO.	REV.
A	DIGITAL ROYAL DT	
SCALE: 1:12	WEIGHT:	SHEET 1 OF 1