



PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Stern (Israel) "BTM" Chrome plated touch-free wall mounted electronic faucet in AC Supply with 5m wire AC 110-240 Vac 50/60Hz to 9V 0.3A IP68 waterproof switching transformers
Model	BTM E
Code Number	280300
Finish	Chrome Plated
Supplier	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Wilson Hung
Contact Tel/Fax	(852) 2388-7171 / (852) 2710-8012
E-mail	acme@acmesanitary.com.hk
Website	www.acmesanitary.com.hk

BTM E
Ref # 280300
 Touch-free wall-mounted electronic faucet for concealed integration behind the mirror. Activated by infrared sensor. For cold or premixed water. Adjustable settings by remote control: sensor range, security time, delay in, delay out, on-off and reset of factory settings.

Application:
 A perfect solution for concealed installations. Integrated behind the mirror for a clean washroom design. Helps washrooms stay clean and saves water. Ideal for shopping malls, sport facilities, entertainment centers, airports and transportation hubs.

Use:
 Touch free electronic faucet. The faucet is automatically activated when user place their hands in the sensor range and stops when the users remove their hands.

PRODUCT AT A GLANCE	
Installation	Concealed Behind The Mirror
Power Supply	9V transformer or Battery box for 6 x 1.5V batteries
Operating pressure	0.5-8.0 bar / 7.0-116.0 PSI
Water supply	Cold or premixed water
Water flow	5.68 LPM / 1.50 GPM
Water Saving Options	1.89 LPM / 0.5 GPM - PCA spray
Water temperature	70°C Maximum
Security time	Auto shutoff after 90 seconds. adjustable by remote control

ORDERING INFORMATION				OPTIONS	
MODEL	CODE	POWER	ADDITIONAL FEATURES	OPTION	CODE
BTM B	280310	Black Battery Box for 6 x 1.5V batteries	Concealed integration behind the washroom mirror	Remote control	07100005
				SWA: the complete soap-water-air module	280400
BTM E	280300	9V transformer		Matching soap dispenser	280200
				Matching foam soap dispenser	280250

Illustration/ Drawing

- Installation:**
Behind the mirror
- Water supply:**
Cold or premixed water (1 inlet)
- Water temperature:**
Max. 70 °C
- Operating pressure:**
0.5 - 8.0 bar
- Power source:**
9V Transformer



* All information of the above is for the reference only. No prior notice is made if any changes.



水務署

Water Supplies Department

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圖文傳真
Facsimile 2824 0578

3321/16 Pt.1 T/J(1752)

21 June 2017

Approval of "STERN" Sensor Tap

Your letter ref. BE/L841/16 dated 22 December 2016 and subsequent submission received by this department on 6 June 2017 refer.

Having considered the test report ref. 170059ST170036 issued on 28 April 2017 by Fugro Technical Services Limited, this Authority accepts that the fitting described below complies with, and its use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Y Stern Engineering Ltd
Country of Origin: Israel
Brand: Stern
Details of Fitting: 1/2" Behind mirror sensor faucet with flexible hose under WRAS approval no. 1601904
Model: 280300
Body Markings: Nil

Expiry Date: 9 April 2022 (for tap)
31 January 2021 (for flexible hose)

This Authority hereby permits the use of the above fitting in fresh water plumbing systems subject to full adherence to Waterworks installation requirements. In particular, you are required to draw your customers' attention to the following requirement-

"A stop cock or gate valve must be installed at the upstream of the fitting for manual isolation of water supply." AND

"The main voltage operated sensor valve should comply with the electricity safety regulation for applications in bathroom, toilet etc."

A condition of this acceptance is that the fitting to be installed shall be replicas of the sample as certified by the testing agent mentioned above and without modifications. This acceptance may be withdrawn at any time if the standard of the fitting installed fail to meet that of the approved sample or if the fitting is found to be unsuitable for use in fresh water plumbing systems.

This acceptance is only applicable to the main body of the fitting, unless other specified.

For the use of the fitting in any project, the Acceptance Reference Number at the bottom of this letter must be quoted as a means of identification of acceptance of the fitting by this Authority.

Should you have any enquiries, please contact our Engineer Mr Terry KUNG at tel. no. 2294 2656.

Yours faithfully,



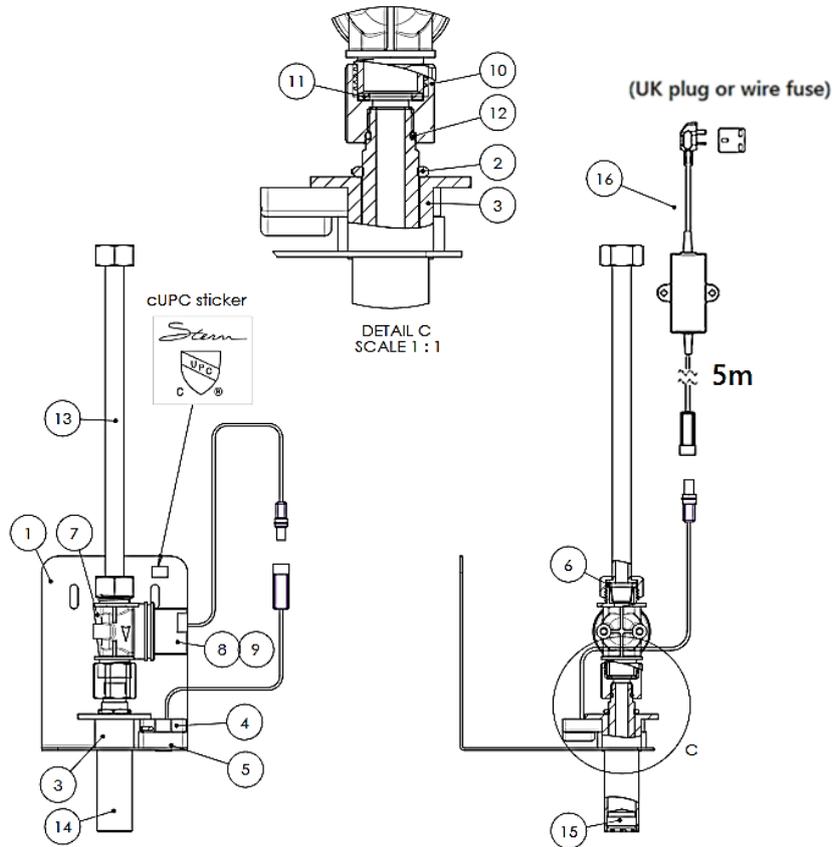
(CHAN Chung Kun)
for Water Authority

c.c. WSD 3321/1/82] - without catalogue
ME/MC] - with soft copy only



SPARE PARTS LIST

BTM E (280300)



16	Switch.Plug-in Transf. 9V EU-M		TBC	1	
15	Aerator CACHE-HC-TJ M18.5 1.5GPM	43.3232.01000	08510053	1	
14	Spout for BTM faucet M18.5x1	B23-00.00.04	07015084	1	C38500
13	Flex. pipe DN8 & Nuts 1/2" 650mm		09510071	1	
12	O-Ring 10.82x1.78	2-013	04510105	1	WRC/70
11	Flat seal 1/2"x2		04521903	1	
10	Adapter G-1/2"xM13	B23-00.00.02	07055250	1	C38500
9	Diaphragm assy	T19-02.00.00D	04500001	1	
8	LSA9WPC without diaphragm	S00-18.00.00	07500025	1	
7	Valve Body 1/2" short PA	N22-00.00.05D	07502019	1	Grilamid LV-65H
6	H-Filter 1/2-50/20 H12		08530013	1	
5	Base for sensor	C42-00.00.02	07120204	1	07120073
4	Electronic Unit for BTM faucet	B23-01.00.00	08002339	1	
3	Support for sensor	U03-00.00.04	07120273	1	Delrin
2	Nut M16x1 for BPS	P24-00.00.05	07099088	1	C38500
1	Support for BTM	B23-00.00.03	07055257	1	AISI 304
Item No.	DESCRIPTION	Drawing No	Cat.No	QTY.	Note

Note: In order to locate the relevant spare part, please check the corresponding parts and part number in the drawing. Minimum order quantity will be required.

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