

SERIES E-SPRAY

Electrostatic Spray Guns for Water Based Paints



- Measurement: 186 mm (without antenna) 212 mm (with antenna)
- Maximum output: -50 kv (E-MW50) -60kv (E-MW100) (without current-voltage regulate function)
- High voltage generation: internal elevator
- Input voltage: AC24vpp (the gun is feeded with low voltage)
- Maximum operating current: 150 microAmp
- Detachable external antenna
- Type of charge: external charge - no need of insulating system



E-MW50



E-MW100

EXAM
BBG Prüf- und Zertifizier GmbH

Translation

EC-Type Examination Certificate

- Directive 94/9/EC -
Equipment and protective systems intended for use in potentially explosive atmosphere

BVS 06 ATEX E 049

(1) **Equipment:** Electrostatic hand-held spraying equipment types E-MW50 (E-SC348-EX and E-MW100) (E-SC348X)

(2) **Manufacturers:** Anest Iwata Corporation

(3) **Address:** Yokohama 223-8581, Japan

(4) The design and construction of this equipment and any acceptable variation therein are specified in the schedule to this type examination certificate.

(5) The certification body of EXAM BBG Prüf- und Zertifizier GmbH, notified body no. 0138 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament and the Council of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design, the construction of equipment and protective systems intended for use in potentially explosive atmosphere, given its status in the Directive. The examination and test results are recorded in the test and assessment report BVS 09/06-2016/EL.

(6) The Essential Health and Safety Requirements are assessed by compliance with:
EN 50602:2001
Electrostatic hand-held spraying equipment

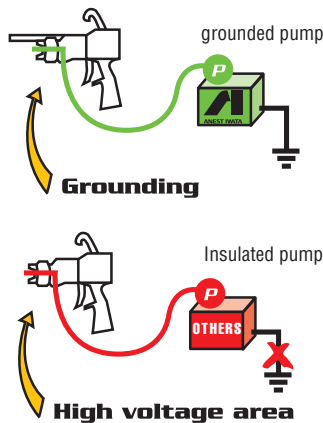
(7) If the sign "XC" is placed after the certificate number, it indicates that the equipment is subject to special conditions for use as specified in the schedule to this certificate.

(8) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and safety of this equipment. These are not covered by this certificate.

(9) The number of the approval shall include the following:
II 2G EEx 0,24 mJ for spraying gun
II 2G EEx 0,24 mJ for controller

EXAM BBG Prüf- und Zertifizier GmbH
Böckten, dated 12. June 2006

Signed: **Dr. Jochims** Certification body Signed: **Dr. Klockhoff** Special services unit



Model	ø mm	No.	L.V.	H.V.	m	g
E-MW50-11C5X	1.1	C5	AC24Vpp	DC-60kV	10	530
E-MW50-11C5Y					15	
E-MW50-11C5Z					20	
E-MW100-11C5X					10	595
E-MW100-11C5Y					15	
E-MW100-11C5Z					20	

CE **Ex** II 2G EEx 0,24 mJ

KEMA 0344 EN50050 group II, category 2 gas atmosphere equipment
BVS05ATEXE027 suitable for use in zone 1