



DUVAL MESSIEN

LA MAITRISE DE LA FOUDRE
HIGH TECH FOR LIGHTNING PROTECTION

SATELIT[®] 3 TESTER

in compliance with NF C17-102 standard

Ref : TESTS3N





This tester has been designed specially to check the operating of **SATELIT[®]3 new generation lightning rods**. It allows checking the good operating of these lightning rods by interrogating it thanks to radio wave.

It is equipped with 4 LED which indicate the test result, either positive or negative, with a discrimination of the potential default regarding to the illuminated LED.

The TESTER allows communicating with the associated lightning rod in factory, until a distance of 100 m in open field.

The tester is provided with a battery of 9V PP3 of type 6LR61 or its equivalent (LF22, LR22, 6LF22, MN1604), no plugged.

SATELIT[®] 3N TESTER advantages

-  Do not need particular maintenance
-  Simplified use
-  Use at distance
-  Low consumption

IDENTIFICATION OF THE COMPANY.

Manufacturer :	DUVAL MESSIEN S.A.S.
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Dernière mise à jour : 03/04/2017 - Version 2.0

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Systeme de management certifié

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DESCRIPTION

Reference :	TESTS3N
Use :	Initial checkings, complete checkings, internal controls... of new generation SATELIT®3 lightning rods.
Color:	Light grey
Material :	ABS IP54 + polycarbonate keyboard
Dimensions :	L 130 mm X l 65 mm X h 25 mm
Weight :	130 g
Standard :	NF C17-102 - ETS 300 220
Picture	
Warranty :	1 year
Supply :	Battery of 9V / PP3

USE

Before any use, check that the battery is connected correctly. Control that the tester number is the same as the associated lightning rod to check.

1. Press on  during 2 seconds.
2. The four LEDs lights up indicating the positive result of the auto test: the tester is now operational.
3. Function 1 flashes during the interrogation and communication phase with the lightning rod.
4. **The four LED light up to indicate that the lightning rod is operational: the test is positive.**
5. No light: the battery 9V of the tester should be replaced.
6. Function 1 lights up alone: the communication with the lightning rod could not be done.
7. Function 2 lights up alone: the identification of the lightning rod failed.
8. Function 3 lights up alone: the lightning rod is nor operational contact DUVAL MESSIEN.





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FREQUENT QUESTIONS

- What to do if there is any indicator light on start up?

Check that the battery is present in its compartment and correctly connected. If necessary, replace the present battery by a new one.

- What to do if only the light 1 is up at the end of the test?

You have to be sure that the distance between the lightning rod to check and the tester is less than 100m and that there is no physical obstacle between both (building, metallic structure...). In case of doubt, approach closer to the lightning rod and if several SATELIT[®]3 lightning rods are present, be sure that it is the correct serial number.

- What to do if only the light 2 is up?

It means that the communication with the lightning rod operates normally but that the received serial number is not in compliance with the expected number. You should contact DUVAL MESSIEN.

In presence of several SATELIT[®]3 lights, approach to the one you want to check and be sure that you check the right lightning rod (serial number).

- Is it necessary to calibrate the tester periodically?

This tester does not need particular calibration. In case of dysfunction or doubt, a checking can be done in factory.

For any further question, you can contact us :

- By mail : contact@duval-messien.fr
- By phone : +33(0) 1 60 18 58 70



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