

FIRE MARKER ANEL type FM 1 - 1209 XX

ref....AN10506 12 digits

ref....AN10505 14 digits

Technical Manual **User Manual**



AN10505



AN10506

1. GENERAL DESCRIPTION

1.1 Technical characteristics

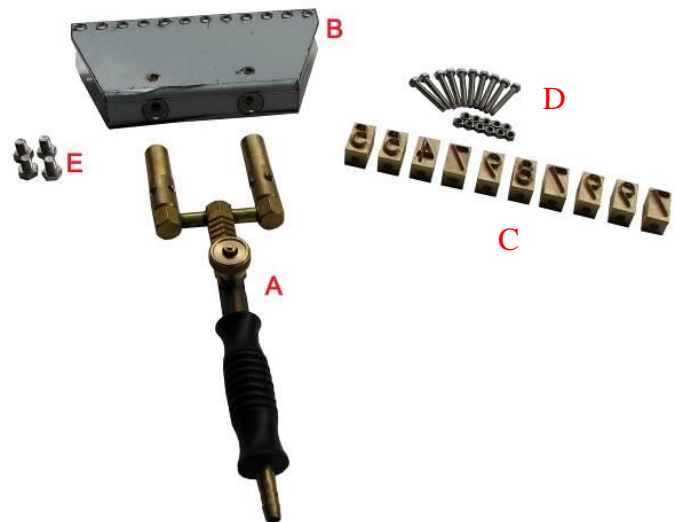
Fire marker ref...AN10505 ref...AN10506 (type FM 1 - 1209 XX)

- Dimensions : 32,5 x 23-20 x 4 cm
- Weight: 1.4-1.1 kg

1.2 Descripción

The fire marker fire marker ANEL consists of:

- A) The torche
(AN10505 3 torches)
(AN10506 2 torches)
- B) The base of the characters - torche's support
(AN10505 14 posición)
(AN10506 12 posición)
- C) The characters (numbers/letters)
NOT INCLUDED
- D) The screws of the characters' withholding
- E) The screws of the torche support



2 ASSEMBLY GUIDELINES

2.1 The characters



After the characters are selected, they are placed from the right to the left with reverse direction against the base, so their roll holes coincide with the holes of withholding.

After the first character is imported, place the screw that will retain the characters on the support base through the holes and rotate once or twice till a complete and total tightening. Place the character in such a way in order that it can be read from right to left when we look at the fire marker from the part that will lean against the wood.

After all characters are in place, tighten the screws lightly using two No13 keys (figure 1).

In case where less than the spaces of the firemarker (12 or 14) characters are used, the gap from the right and the left parts of the base must be of equal distance.



(Figure 1)



(Figure 2)

2.2 The firetourche and the torche's support

Verify the correct alignment between the base and the flamer. Adjust, if required, using the two screws (figure 2).

ATTENTION: Do not tighten excessively the screws of the base withholding on the flamer because there is the danger of deforming it.

2.2 Gas bottle and fire marker



(Figure 3)

Assemble the pressure regulator to the gas bottle (butane) according to the gas supplier's guidelines (figure 3). The Fire marker works with 3 bar pressure so be sure to choose the correct pressure regulator. (Figure 3)



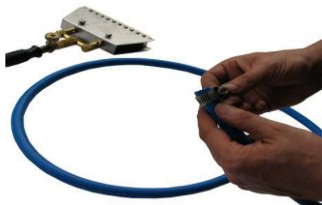
(Figure 4)

Connect the pressure regulator's output with a $\Phi 8$ mm diameter hole gas transport pipe (figure 4).



(Figure 5)

Connect the other end of the pipe with the nozzle of the fire marker's gas input (figure 5)



(Figure 6)

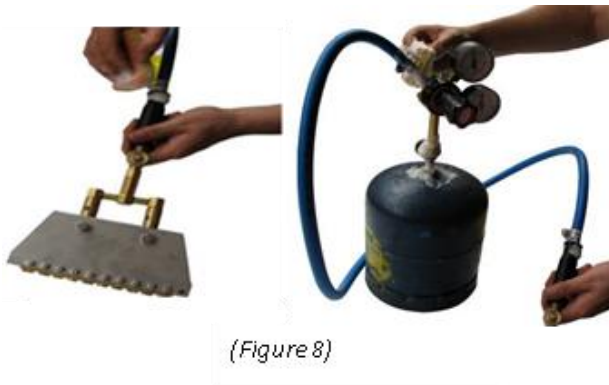
Tighten with a special collar the two (2) ends of the pipe (figure 5-6)



(Figure 7)

Turn dextrally the gas torches' flow regulator (off)

Open the bottle's gas flow to supply the fire marker with gas (figure 7).



(Figure 8)

Inspect with water soap (which causes blisters) the points of the pipings and the gas regulator's connections with the bottle for potential leakage

When you are ascertained that the system is airtight you are ready to use the fire marker

3 OPERATION GUIDELINES

Turn on the gas flow regulation anticlockwise

put the fire marker vertically (the butane is heavier than air and thus is directed to the soil) and with the use of candle of at least ten (10) cm length, direct the fire to the lower part of the fire marker.

ATTENTION: Gas ignition is caused.



(Figure 10)

After the warm-up time (~ 5 min) , you can mark up the surfaces. The marking depth depends on the applied pressure and time (figure 11).

There is always danger of surface ignition on plastic or wood (specifically if it is impregnated with flammable substances or color-dyed) (figure 12).

In case of ignition cover the surface with a wetted piece of wood or with wetted cloth immediately.



(Figure 11)



(Figure 12)

In order to turn off the fire marker, turn dextrally the gas flow regulator and then cut the gas flow from the gas bottle.

ATTENTION: After the closure and for fifteen (15) minutes the fire marker maintains high temperature that could possibly cause ignition or burns. For this reason it should be placed at a non flammable level surface, away from children or animals.



GUIDELINES OF SAFE USE

1. Fire marker ref...AN10505 ref...AN10506 (type FM 1 - 1209 XX) uses butane and for this reason it should be used only in exterior areas.
2. Always follow the guidelines of the gas supplier you use.
3. Between the gas bottle and the fire marker the pressure regulator interferes according to the gas used.
4. As gas you may use propane or butane. We suggest propane because it produces more heat. Especially for regions with cold weather the butane bottle stays cold, regardless if you are using a high pressure regulator, and the pressure of the gas inside the bottle is not sufficient to produce a good amount of flame.
5. The fire marker must be used by individuals familiar with similar appliances.
6. On the fire marker ANEL FM1 - 1209XX you may place from eight (8) up to twelve (12) characters (letters or numbers).
7. In case where you want to mark up less than eight (8) characters you must supplement empty digits so that there are at least eight (8).
8. If the digits are less than eight (8), then the fire from the flamer will pass through the characters and it will burn the wood.
9. The fire marker ANEL FM1 - 1209XX is manufactured for use of exclusively certain wood and plastic (Attention: certain plastics emit poisonous substances during their heating).
10. Before using the fire marker firstly you must be supplied with a fire extinguisher of dry powder or carbon dioxide.
11. The fire marker is heated during its use. For that reason use only its plastic handle.
12. ALWAYS wear fire protection gloves while using the firemarker.
13. All the metallic parts reach a temperature that could cause burns.

Any use on animals IS PROHIBITED