

Manufacturing partner searched for mouthpieces made by plastic injection moulding technique

The German company supplies breathalysers to the health and safety sector. The mouthpieces, an accessory part of the breathalyser, are manufactured by plastic injection moulding in Turkey and China. The company is now looking for a new cooperation partner for the production and assembling of the mouthpieces, preferably within the EU.

The family-owned company, based in northern Germany, distributes a wide range of breathalysers, drug testers and the corresponding accessories, and calibrates the breathalysers in its in-house workshop. Clients range from large hospital chains to smaller addiction facilities, police, the transport sector, and industry.

Currently, the mouthpieces – an important accessory for the breathalysers – are manufactured both in Turkey and China. The company is now looking for new manufacturing partners to produce the mouthpieces by plastic injection moulding technique. The new partner should offer production, assembling and packaging of the mouthpieces in one hand. To make logistic and communication easier, the new partner should be seated in Europe, ideally within the EU. The company is seeking a manufacturing agreement with the new cooperation partner.

Technical Specification or Expertise Sought

The manufacturing partner should offer plastic injection moulding, assembling, and packaging of the mouthpieces. The estimate annual requirement is 1,000,000 mouthpieces in 4 different forms.

Material:

- Polyethylene (PE). The material must comply with the conditions of the MDD (European Medical Device Directive)
- The edges of the device should be burr-free
- The mouthpiece should meet the conditions of medical plastic devices and hygienic conditions are essential

Assembling/Mounting:

- The mouthpiece consists of 3 parts: the body, the membrane and the lid fixing the membrane. The membrane safely prevents the backflow of the breath of the previous user of the device. On the other hand, the membrane should cause little resistance by blowing. The conical shape of the lid must ensure a correct seating of the lid.

Packaging:

- After assembling, each mouthpiece is hygienically packaged in a small transparent plastic bag. The plastic bag has a small seam to open it easily. The mouthpiece inside the bag can be turned easily. For hygienic reasons the bag can be ripped, and the mouthpiece can be inserted without touching the entry.
 - Packaging details: 25 pieces are packaged in a larger pressure lock bag. Each bag has a label (approx. 11.0 x 7.0 cm) indicating the contents / 1,000 mouthpieces = 40 bags = 1 box
-
-

Partner sought

Expected role of the partner

Role of partner sought:

- manufacturing cooperation partner
- partner should offer plastic injection moulding, assembling, and packaging of the mouthpieces
- estimate annual requirement is up to 1,000,000 mouthpieces in 4 different forms

Type of partner sought:

- manufacturer of plastic devices by plastic injection moulding technique
- production should meet the conditions of medical plastic devices
- seated in Europe, ideally within the EU
- experienced in international cooperation