

## EXPANDO

Intraoral universal retractor in 3 sizes

1. Moisten the expando.
2. Take the expando between your thumb, ring, and middle finger and fully squeeze the lip retractor together. The expando will not break.
3. Now ask the patient to open his or her mouth and insert the expando with the right cheek shield into the right cheek.
4. Ask the patient to slightly close his or her mouth – thereby widening the mouth opening – and insert the left shield by gently retracting the left mouth corner away from the teeth and carefully pulling the expando in the opposite cheek to the outside (in buccal direction).
5. After the patient has opened his or her mouth again, guide the lips with your little finger into the lip-cradling section so the expando is positioned on the lips. This creates a pad between the expando and the jaw bone and prevents painful pressure on the jaw bone during treatment.
6. The patient's tongue should now be placed behind the tongue retainer.

Expando does not cause nausea.

If more space is required in the posterior region, you can use a finger of your free hand to pull the cheek with the lip retractor to the side where needed. Do not press it into the mouth as this would cause pressure on the retromolar pad.

Expando can be used during treatment and is also suitable for oral examination.

### Chemical reaction of disinfecting agents on expando

Expando is made from Makrolon polycarbonate and therefore extremely break-proof.  
Expando **cannot be heated over 110 °C.**

#### Resistant

Resorcine solution 1%  
Lysoform  
Lysoformin  
Chloramine  
Octozone 1 %  
Maktol  
Merfen  
Odol

#### Non-resistant

Tb-Lysoform  
Sagrotan  
Carbolic acid  
DDT

**Side effects, warnings and precautions**

- The attachments are intended for single use.
- The products are non-sterile.
- There is a risk of poor fit when patient conditions change.
- Bacterial adhesion can be avoided by applying hygiene measures.
- Inappropriate use or bad manufacturing can lead to premature wear of the attachments.
- The functionality of the attachments will be adversely affected by traumas such as grinding and bruxism.
- For the purpose of traceability we advise you to record the lot number of the applied products in the patient file.
- Do not heat items containing titanium.
- Do not use items containing nickel in case of nickel allergy.
- The accessories RE H 79 and H 35 must be used outside the mouth.