

KoEx Measuring Device

Facilitating contraction and expanding measurements for the first time

Why do discrepancies in fit exist between the cast and the intraoral situation?

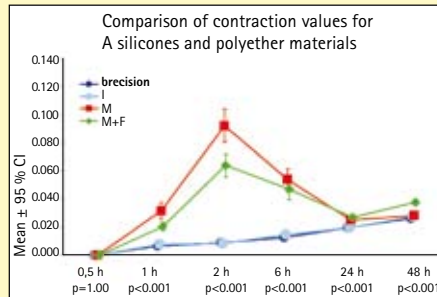


KoEx Measuring Device
1 piece including
2 contraction inserts
Order No. 110 0148 0

Impression Materials

Contraction

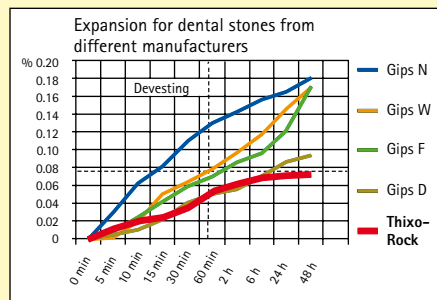
Studies have indicated that impression materials differ greatly in their contraction (shrinkage) behavior, reproducing the oral situation inaccurately. The brection impression material provides stable values after two hours, permitting further processing to be performed rapidly.



Dental stone

Expansion

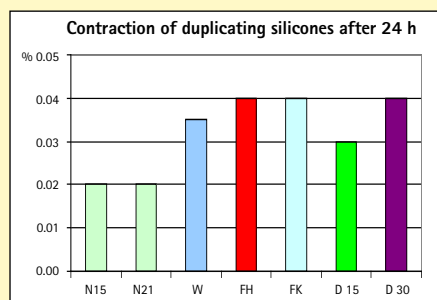
Check the expansion values for your dental stone materials and compare them to those of brecent's Thixo-Rock. Thixo-Rock expands by a maximum of 0.06% after two hours; after 48 hours, the expansion is still less than 0.08%.



Silicone duplicating materials

Contraction

Contraction measurements of different silicone duplicating materials have shown substantial differences between these. Exaktosil N15 was stable at 30 minutes, at 0.02%. The values for other duplicating silicones changed after 24 hours, adversely affecting the fit of the restoration.



Investment compound

Expansion

Investment compounds that can be controlled exactly and individually are a prerequisite for non-precious alloy precision one-piece attachment casting as well as for K+B plastic injection molding using thermopress 400.

