Abstract

The invention relates to a dynamic mixer for viscose components in particular for the mixing of dental compositions, with a rotor (30) and a housing (2), which has front inlet openings (12, 13) for the components and at least one rear outlet opening (20) and the inner space of which includes a pre-chamber (17) and a main chamber (22), with the pre-chamber (17) opening into the main chamber (22) in a distal, tapering transition section (16). For the precise regulation of the concentration of the components to be mixed of the supplied components even with temporary concentration fluctuations of the same and in order to achieve a high degree of homogenization, it is proposed that the dynamic mixer (1) has at least one individual channel (23a-d) as a passage from the pre-chamber (17) into the main chamber (22), with the width of the individual channel (23a-d) extending over a part of the periphery of the transition section (16).

(Fig. 1)