

## 3D Measuring Template for the GAMMA<sup>®</sup> REFERENCE ARTICULATOR designed by GERD E. WEBER

This template is designed for measuring the XYZ coordinates of the „active centric“ – cuspids in the GAMMA REFERENCE ARTICULATOR.

### Instruction for use

1. The 2mm screen is used for measuring the x- and y- coordinates. The x value is measured from millimetre 30 to 100. The y value is marked from millimetre 0 to 40 for the right and left side. The z ruler is marked on the hypotenuses of the triangle.
2. In order to measure the x- and y-values, you must adapt the rectangular cutouts. At the condylar posts of the GAMMA REFERENCE ARTICULATOR. The connecting line of the cutouts goes then through the center of the upright posts of the articulator.
3. For measuring the z dimension of the “active centric” cuspids of the lower jaw (mandible) the casts must be mounted in the articulator in centric relation and the **front pin must be on 0**. Before you can proceed with the measurements turn the lower part of the articulator upside down an then you have to extend the front pin to 7,5mm in order to compensate the height of the condylar pivot posts, through which the reference plane goes (AOP). You read the z value on the hypotenuses of the triangle by sliding it into contact of the active centric stop of the selected tooth.

