



Fig. 23: Involute and lead tester
PFSU 2500.

The PFSU 2500 (Fig. 23) has been developed for measuring profile, flank traces and generant and, if required, the surface roughness on gears with diameters of up to 2500 mm (98.500"). Because of the considerable weight of workpieces (up to 10.000 kg), measuring slide and test gear are driven by separate, yet synchronised, electronically controlled motors which operate in addition to the drive link controlled reference rolling transmission. Thus, any adverse mass effects on the measurements are eliminated completely and reliably (see catalogue No. 1269). As in the