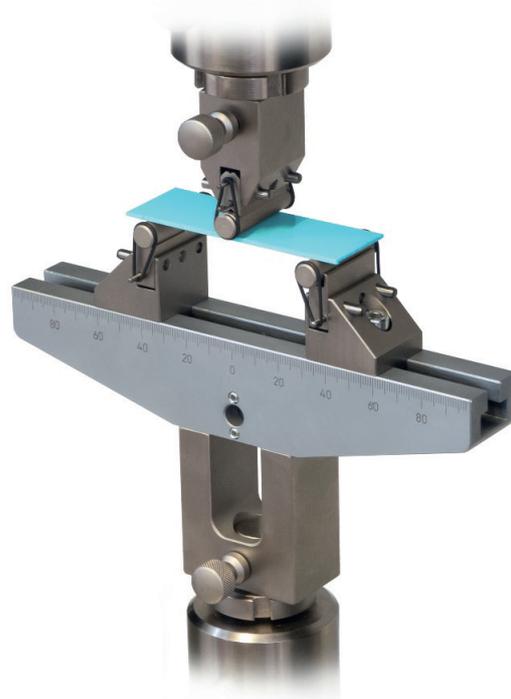


## Fully Articulated Ceramic Flexural Strength Test Fixture according to ASTM C1161 Series 238-5P-B200

ASTM C1161 describes the determination of the flexural strength of advanced ceramics materials. Rectangular specimens are tested either in four-point or three-point configuration at ambient temperatures.



This Flexural Strength Test Fixture is designed to test specimens 1.5, 3.0, and 6.0 mm thick, respectively. The lower support span and upper loading span is adjustable between 12 to 150 mm. This fixture can be equipped with interchangeable, hardened rollers with diameter 1, 2, 3, 4, 5, 6, 6.35, 8, 10, 12, 12.7 mm. The fixture comes with both, three- or four-point loading. The purpose of articulation is to accommodate any twist or lack of flatness of the test specimen since specimens are often tested in the as-fired state.



The upper loading edge must be interfaced to the testing machine via a tiltable coupling or via cardan joint. We can supply the suitable couplings to your test system.