

Quality Assurance

Denracle products are manufactured under the process conform to GMP & ISO regulations. All products are CE certified.

Dynamic Fatigue Test for Denracle GO abutments. This test determines the strength of abutments (with implants) under cycling loading. See test result below (Table 1).

Sample #	Maximum cycle load		Number of	Finding
	(N)	(Kg)	cycles	cycles
1	215.82	22	5,000,000	No damage
2	215.82	22	5,000,000	No damage
3	215.82	22	5,000,000	No damage

Table 1. Dynamic Fatigue Test Result

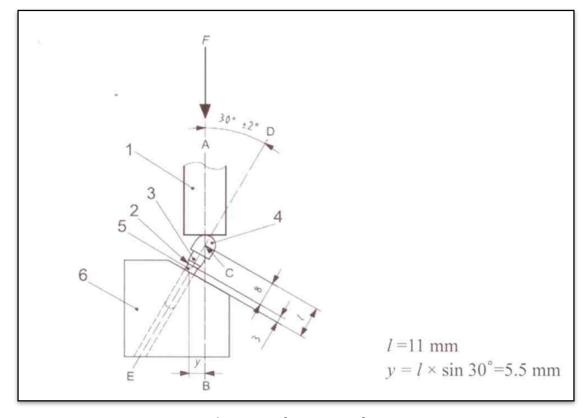


Figure 1: Schematic of test setup for systems







Figure 2: Samples on the test machine
Fatigue limit / Maximum endured load at
5,000,000 cycles is 215.82N with maximum
bending moment 1187.01 N-mm (conform to CE
standard).



Test Institute: SGS Taiwan Ltd.

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