

## Partial Framework (Titanium)

**DENTSPLY**

**Vitallium®**  
Partial Denture Alloy



### 1. Titanium Partial Framework denture

The corrosion resistance of titanium is better than cobalt chromium alloy and gold alloy. Its light texture and excellent bio-compatibility makes it ideal for full mouth restoration.

### 2. Vitallium Partial Framework denture

Vitallium® 2000 Plus chrome cobalt alloy is the first choice for partial denture metal frameworks. Strong technical and marketing support to help casting labs provide better business options for their customers.

The highest yield strength and tensile strength of the Vitallium alloys

Increased flexibility without deformation or fracture, making it excellent for predictable chairside adjustments

High surface luster

Nickel and Beryllium free

Smaller, lighter framework

### 3. Ordinary Partial Framework

Economic benefits, but low quality.

Clasps and minor connectors are subject to fracture for metal fatigue in frequent use. so, we must thicken and enlarge the clasp and minor connectors.

Strong overall sense alien object, with obvious discomfort at the first wear, and longer adaptation time.

