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BIOSENS CAD

THERMOPLASTIC MILLING DISCS



PREMIUM ALTERNATIVE TO METAL
For Flexible Aesthetic Dentures and
Transparent Frameworks

BIOSENS CAD

For the production of removable partial dentures (RPD'S), invisible crystal clear frame-works, night guards, full dentures implant retained dentures, clasps, and other metal-free removable dental appliances processed by CAD/CAM milling machines.

Biosens is made of monomer-free material, non-allergenic, nonporous, bacteria and stain resistant, ideal for Crystal Clear frameworks, which blends perfectly with the patient's gums, providing better function, aesthetics, comfort and durability.

Unlike conventional metal partials, Biosens Cad is a clear transparent framework that is light weight and aesthetic, avoids metal taste, odorless and no change color over time.

Biosens Cad dentures blends perfectly with the patients gums, providing better function and comfort. Bonds chemically to any acrylic resin and composites for repairs in lab or chairside.

Biosens consist of high tensile and flexural strength, fatigue resistance, low moisture absorption and excellent dimensional stability.

When used for any type of denture, eliminates the need of metal reinforcements and metal clasps, improving aesthetics and patient comfort avoiding the aesthetic compromise of metal clasp, which is replaced with a transparent clear clasp with occlusal rest, not involving gums for healthier gums and tooth preservation.

CAT NO.	MATERIAL	COLOR		DIAMETER	THICKNESS
4119816	Biosens	Clear	○	98.5mm	16mm
4119820	Biosens	Clear	○	98.5mm	20mm
4119824	Biosens	Clear	○	98.5mm	24mm
4129816	Biosens	Pink	●	98.5mm	16mm
4129820	Biosens	Pink	●	98.5mm	20mm
4129824	Biosens	Pink	●	98.5mm	24mm

Discs available with step and no-step

Existing denture made of Biosens Cad can be repaired and relined any time with any conventional self/cold acrylic, or by acrylic pouring technique. New clasps or tooth can be injected directly into the denture with Biosens thermoplastic resin by injection molding.

BENEFITS:

- * Through CAD/CAM production, Biosens Cad dentures eliminates the wax-up stage, investing, casting and finishing
- * The process is fast, clean, precise and cost-effective
- * After the milling process, the denture comes out nearly finished, final polishing is easy with minimal effort
- * Clasps are flexible and tooth bearing
- * Occlusal rests stops setting in order to reduce sore spots with less adjusting, grater functionality and excellent retention
- * Comfortable immediate adaptation by the patient
- * Virtually unbreakable
- * Biocompatible and non-allergenic
- * Light weight, durable and precise



Repair By Injection:

Biosens cartridges available in diam. 22mm, 25mm & 28mm S/M/L/XL. Can be used with most of pressing injectors. Biosens can be repaired also with T-crystal similar material with lower melting point temperature.