

TECHNICAL DATA

The CLINICCARE TITANIUM needle roller is made from the following parts:

- Roller head, studded with titanium* steel disk-needles
- Handle
- Steel axis

The CLINICCARE TITANIUM microneedling instrument is the so-called needle roller. This needle roller is a manual instrument with a handle and a cylinder, on which sharp needles with a diameter of 0.2 mm are fixed. When the instrument is rolled over the skin, the needles will penetrate the skin to different depths depending on the pressure, skin tension, and needle length, causing micro-injuries. CLINICCARE needle rollers create approximately 300 punctures per second during an appropriate application. Through repeated applications across selected skin areas approximately 600-1200 punctures per cm² are created.

CLINICCARE TITANIUM roller:

540 disk-needles in 9 rows with following needle lengths of 0.50, 1.00, 1.50, 2.00 and 2.50 mm (+ 0.02 mm), needle diameter: 0.20 mm. Width of the roller-head: 14 mm, and diameter of the roller-head: 19 mm

INDICATIONS:

Transdermal delivery of active substances. Fine to medium wrinkles (eye zone, upper lip), Cellulite, Hypo and hyper pigmentation, and deeper infiltration of active substances, i.e. Scars, hypertrophic scars, acne scars, burn scars, stretch marks, deeper and profound wrinkles, flabby skin.

**The two most useful properties of the titanium metal are corrosion resistance and the highest strength-to-density ratio of any metallic element.*

