Smart Lift is a surgical kit for maxillary sinus lift with trans-crestal approach. The Smart Lift technique has been designed to obtain, in the same implant site, relocation of an alveolar bone core created by a combined use of drills and manual elevators, controlled by multiple interchangeable stops with different heights.

Safe and easier management of drills and manual elevators makes it possible to guide the insertion of the trephine drill “Smart Lift Drill” so as to achieve full control over the direction and angle of the alveolar core, where the implant will be located.

The Smart Lift manual elevator then compresses the bone core and pushes it upwards, under Schneider’s membrane.

The procedure can be carried out with 2 different diameter (3.2 and 4.0 mm) depending on the overall space and volume of alveolar tissue available and depending also on the type of implant treatment plan.

The Smart Lift reduces to the minimum the traumatic effect of the pneumatic force required to relocate the autologous spongy bone upward toward the apex, thanks to a controlled osteotomy carried out in compliance with the surgical procedure sequence. This technique combines the building of an autologous bone graft that contributes to neo-osteogenesis required for the purpose of obtaining implant-bone contact, also in the apical area, with maximum safety of operation and no risk of damaging Schneider’s membrane.

Practical benefits
- Non-traumatic, mini-invasive technique
- Quick and easy to carry out
- Maximum operative control during the whole sequence of operations
- Any type of implant can be inserted starting from Ø 3.75
- The surgical protocol is defined in advance, basing on the residual bone availability
- All components are autoclavable
SMARTLIFT

Top quality
- Laser marking to identify the depth and diameter
- Alternate thickness of the depth marks
- Surface treatment to avoid the mirror effect of steel

Risks-free management
- 8 depth stops for each millimetre from 2 to 9 mm
- Full No Touch depth stops positioning and “parking” system
- Each stop can be used with each drill and elevator osteotome
- Use of Smart Lift drills and elevator is safe also in low-visibility working contexts.

SMARTLIFT Ref. 4944
Includes:
- 1 Ref. 4343 Locator Drill Ø 1.2
- 1 Ref. 4336 Probe Drill Ø 1.2
- 1 Ref. 4345 Guide Drill Ø 3.2
- 1 Ref. 4351 Smart Lift Drill Ø 3.2
- 1 Ref. 4354 RX Pin Ø 1.2
- 1 Ref. 4347 Probe Osteotome Ø 1.2
- 1 Ref. 4348 Smart Lift Elevator Ø 3.2
- 1 Ref. 4378 Smart Lift Handle
- 1 Ref. 4472 Drill Gripper
- 8 Drill Stop (from 2 to 9 mm)
- 1 Smart Lift Tray

Accessories:
- Ref. 4435 Stop 10 mm
- Ref. 4436 Stop 11 mm
- Ref. 4346 Guidr Drill Ø 4.0
- Ref. 4352 Smart Lift Drill Ø 4.0
- Ref. 4349 Smart Lift Elevator Ø 4.0