

SHERAeasy-base Quick Guide

general control

left mouse button (LMB): confirm action
right mouse button (RMB): rotate model
mouse wheel (MW) spin: zoom
mouse wheel (MW) press: move model



Step by step guide



Step 1 create order

- Create new order
- Fill order form: patient, dentist und technician
- Choose impression type (crown&bridges, over impression or user-defined)
- Choose impression material
- **Note:** flanged rim is set as default for inner tray rim. Outer flanged rim can be activated / deactivated in "view -> options"



Step 2 STL import

- Import model file as STL or PLY



Step 3 Orientation

- Insert direction is proposed by the software (arrow in center of model)
- Color gradient indicates level of undercut
- „manual direction“: insert direction can be inspected and adjusted in split-window-view
- use LMB in left window to adjust insert direction



Step 4 block out

- „manual block out“: mark remaining teeth or palatine rugae with LMB. Software will block out fissures and interdental areas automatically
- „add wax geometry“: set placeholder e.g. for impression post, choose in drop-down-menue and set with LMB
- „alter wax“: similar to classic waxing tools: Choose from add, remove or smoothen material and apply with LMB



Step 5 Contour

- „define contour“:
 - Click on model with LMB sets contour spline. When model file type is PLY, spline follows drawn contour line automatically
- „define local area“:
 - If another thickness of block out offset is wanted for special areas, an additional area can be defined with (only in user-defined mode of impression type)
- „define vestibular fold“:
 - Set lowest point of vestibular fold with LMB (front). Height of tray handle will be aligned 20mm above this point
- „define occlusal plane“:
 - Set 3 points with LMB for defining occlusal plane. Wax rims for bite registration will aligned with set plane



Step 6 Design

- „local edge thinning“: global thickness of edge is 1.5 mm. Local areas with different thickness can be set. Define start and stop for the area with LMB and set value



Step 7 Attachment

- „attach elements“: add tray handle or other geometries
 - Click LMB to set position of tray handle
 - Drag LMB: adjust position
 - RMB: rotate object along selected axis (yellow)
 - MW: size is adjusted when mouse is located within axis system
 - MW in center of axis system: two arrows are displayed to adjust height of element
- „add gingiva stops“:
 - Adjust diameter with shift+MW or set value
 - LMB: set position of stop



Step 8 customize

- „add holes“:
 - LMB: set single holes. Size is pre-set depending on material. It's recommended at the upper jaw along the Ah line
- „add implant hole“:
 - LMB: set hole for implant post
- „add hole area“:
 - LMB: define area for holes. It is recommended
Upper jaw (vestibular, palatal at the level of the palatine folds)
Lower jaw (vestibular and lingual)
 - LMB: Click and drag on hole: adjust position
 - RMB: Click and drag on hole: rotate hole pattern
- „add retention area“:
 - LMB: define area for retention
 - LMB: Click and drag on retention: adjust position
 - RMB: Click and drag on retention: rotate hole pattern
- „add engraving“:
 - LMB: set position of engraving
 - RMB: rotate engraving
 - MW: zoom to adjust font size



Step 9 finalize

- Finalize object: waxing tools (add, remove, smooth)
- Export object: save STL file