

To ensure that the functions are consistently maintained, the number of strokes must be determined by the adapter. The following maintenance measures must be carried out at regular intervals:

	daily	Heavens			
		10.000	20.000	50.000	100.000
Visual inspection of the adapter for damage	x				
Clean adapter from dirt and dust with recommended cleaner		x			
Remove impurities at interfaces with recommended cleaner				x	
check tight fit of screw connections of moving parts, tighten if necessary		x			
check tight fit of guide bolts, tighten if necessary		x			
check bushings for wear, replace if necessary					x
Clean bearings, running surfaces and guide rails, lubricate if necessary				x	
Check PCB supports for completeness and height (3mm), replace if necessary		x			
Check downholder for tight fit, completeness and dimensional accuracy, replace if necessary (risk of injury!)		x			
Check springs of pin carrier plate for breakage and function, replace if necessary			x		
Check specimen for exact positioning in the holders (check catch pins or contour holder)			x		
Clean or replace contact needles depending on type with subsequent hit pattern check			x		
xCheck function of gas pressure damper and spring adjuster, replace if performance decreases	x	x			
xCheck floating bearings for function			x		
Check stroke of contacting by means of measuring needle				x	
with pneumatics installed:					
Check whether the operating pressure is set to ... bar.		x			
check tightness of pneumatic cylinder screw connections		x			
acoustic check for pressure loss of all components in quiet environment		x			
for vacuum fixtures:					
Visual check: parallel downward movement of the carrier plate or vacuum hood, check springs if necessary.		x			
Acoustic check for loss of vacuum of all components in a quiet environment.		x			

We recommend the following products for maintenance:	Order no.
Hit spray	916003
Antistatic plastic cleaner - also suitable for Plexi	912002
Lifting gauge needle 75mil	699006
Lifting gauge needle 100mil flat head	699021
Lifting gauge needle 100mil round head	699005