




Device test card for eDRAULIC combination devices		
for test equipment with electronic measuring transducer 176717000		
Device type:	Model:	LUKAS
Serial no.:		
Device holder:		
Regulations:	- operating instructions (device) - GUV-G 9102 - operating instructions (test equipment)	Test interval - according to GUV-G 9102 - after repair work

Basic safety instructions:

 **WARNING / CAUTION / PLEASE NOTE!**
Personal protective equipment must ALWAYS be worn when testing devices!

 In addition, adequate screening*) must ALWAYS be worn when carrying out the tests!
LUKAS rescue equipment may only be tested with LUKAS test equipment!

*) Appropriate screening may be obtained from your authorized LUKAS dealer or directly from LUKAS!

 **NOTE:**
Before using this test card, ensure that the card is up to date and only use the latest version.
The latest device test cards may be obtained from the LUKAS website or directly from LUKAS.

Test equipment required for combination devices:

- Spreader and combination test device
- Positioning bolts and spacer disks
- Device specific test adapter for devices with interchangeable tips
- Measuring transducer
- Crack test set
- Stop watch
- Appropriate protective screening

Evaluation:

Results:					
Repaired on:					
Released for use on:					
Blocked / no longer approved for use on:					
Signature of test person:					

Visual Inspection:

Tests	Target value	Results	Results	Results	Results
Housing undamaged, locked and ventilation slots free and clean					
Connection duct clean and undamaged					
Opening width of measuring arms at the tips	1)				
General sealing (leaks)					
Operability of the star grip					
Existence and stability of handle					
Labels complete and legible					
Covers in perfect condition					
Torque of central bolt checked	1)				
Blade arms free of cracks and nicks or deformations on the cutting surfaces					
Cutting surfaces fit on top of each other without making contact					
The sliding plates, bolts and retaining rings of the blade arms are in place and in good condition					
Illumination of main switch, work area and connection duct fully function (if this forms part of the device).					
Electrical contact surfaces clean and undamaged					
Power pack housing undamaged					
Power pack cables undamaged					
Battery housing undamaged					
Battery/batteries fully charged					
Charging state display of lithium/ion battery or batteries fully functional					

1) The target values are to be taken out of the target value table for LUKAS rescue equipment and entered in the test table.

Remarks about visual inspection:

Functional test:

Tests	Target value	Results	Results	Results	Results
Environmental temperature during functional test °C / °F	15...35 / 59...95				
Main switch is fully functional without faults					
No further movement when releasing the star grip while opening or closing	3)				
Tip play perpendicular to the direction of force; offset [v6]	2)				
Opening time, unloaded (in seconds)	2)				
Closing time, unloaded (in seconds)	2)				
Opening force test	2)				
Pressure or spreader force maintenance test Loss of pressure or spreader force after 1 minute	max. 10%				
Closing force test	2)				
Pressure or closing force maintenance test Loss of pressure or force after 1 minute	max. 10%				

2) The target values are to be taken out of the target value table for LUKAS rescue equipment and entered in the test table.

3) The star grip must automatically return to the neutral position and the tool arms may not automatically change position once they have returned to the neutral position (no run-on). If the conditions above are not met, a valve test must be carried out.

Remarks about functional test: