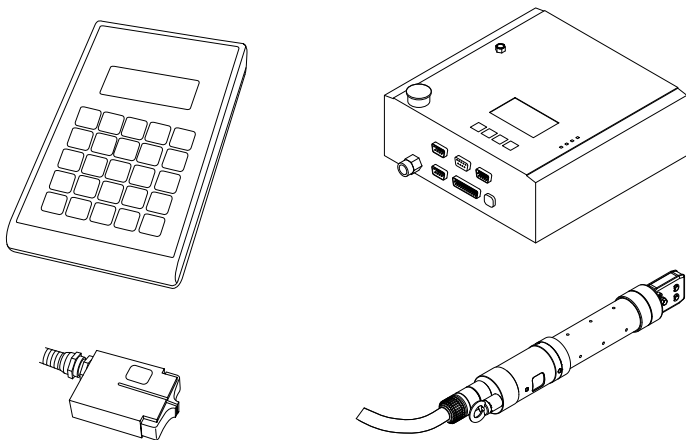


Quick Start Guide



Oetiker ELK 02 V2.0

Issued 12.2013
Item No. 08902526



Symbols and signs



Safety sign, warns of danger of injury and material damage.

Caution Hazardous situation. Failure to observe this notice may lead to minor injury.

Warning Hazardous situation. Failure to observe this notice may lead to death oder serious injury.



Risk of electric shock!



Risk of Crushing!



Read the User Manual.



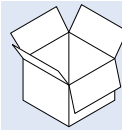
Information relating to the understanding or optimization of working practices. Information indicating technical requirements for optimum performance and efficiency.



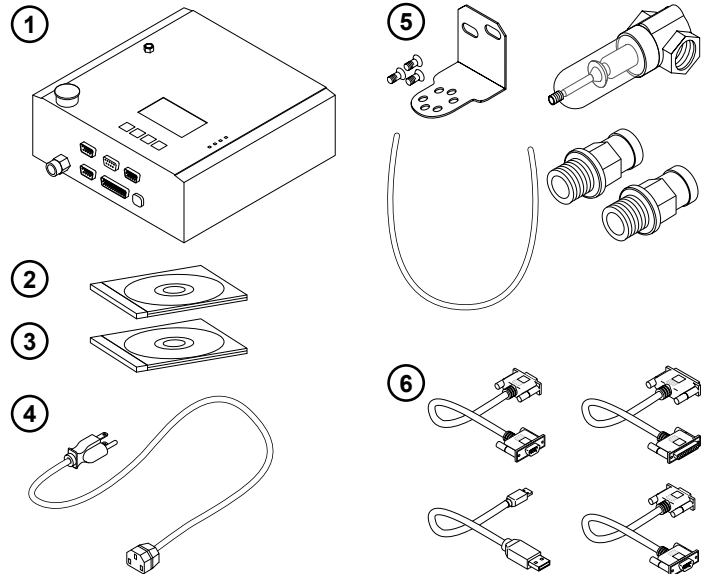
Check visually.



Prerequisite or result of action performed.



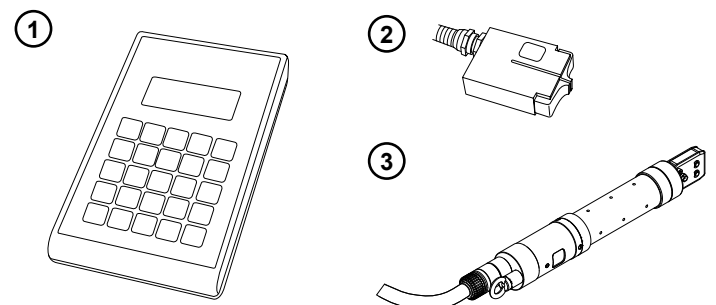
ELK 02 Scope of Delivery



- ① Control unit ELK 02
- ② Software
- ③ User Manual
- ④ Power cord
- ⑤ Filter / Compressed air connection set
- ⑥ Connection cable for all interfaces



Required Equipment



- ① Calibrator CAL 01
- ② Closing Force Sensor SKS 01
- ③ Pneumatic Pincer EL

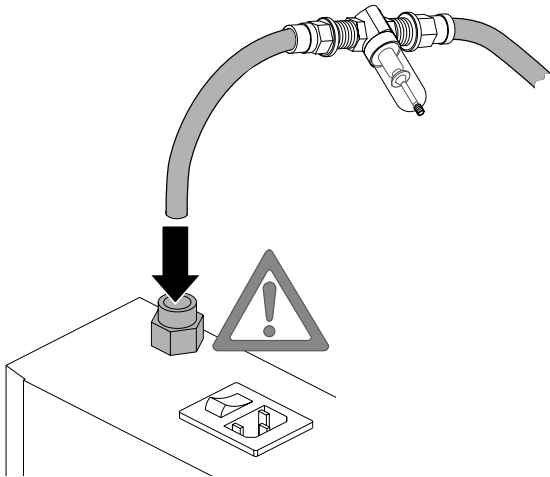


For stable air supply Oetiker recommends the usage of an accumulator.

1.1



Pneumatic Supply



CAUTION!

Compressed air connection:

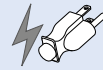
- Keep clean and dry (free of water and oil).

Compressed air intake pE:

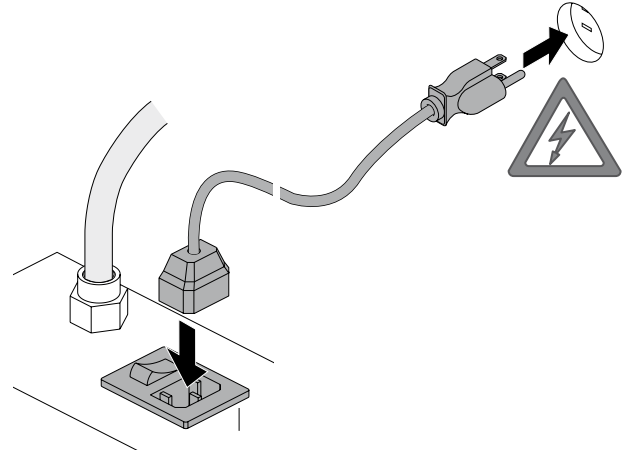
>4 bar (>60 PSI) to max. 10 bar (150 PSI)

Recommended: 6 bar (90 PSI)

1.2



Electrical Connection



WARNING!

Risk of electric shock!

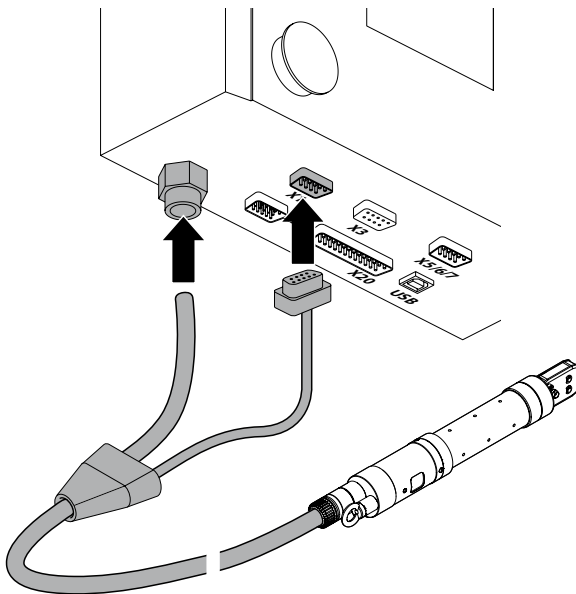
- Plug power source in an appropriate outlet.



1.3



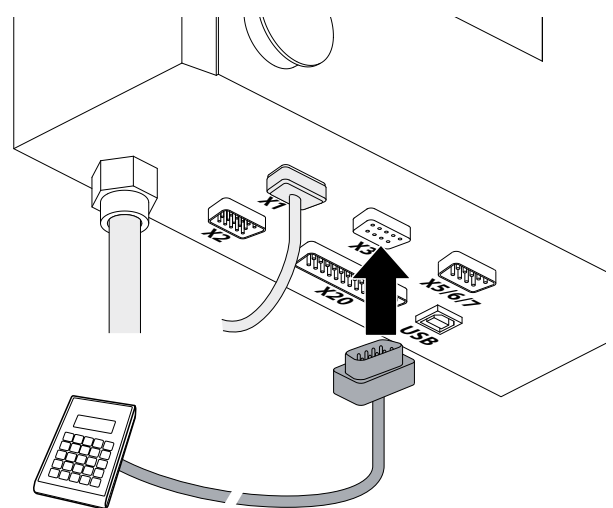
Pincer Connection



1.4

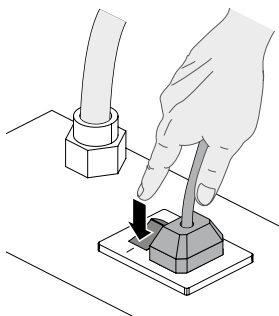


CAL 01 Connection



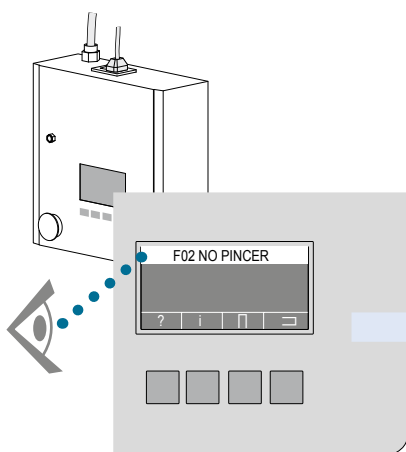
2.1 ELK 02 Pincer Data Selection

1

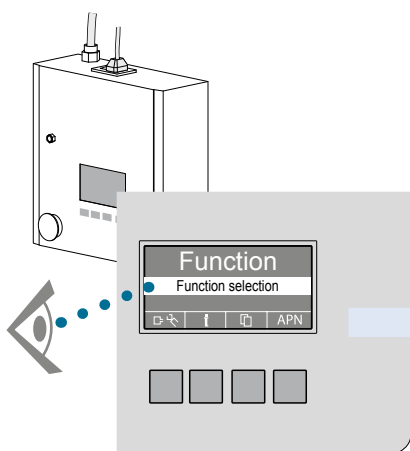


max. 10 s

2



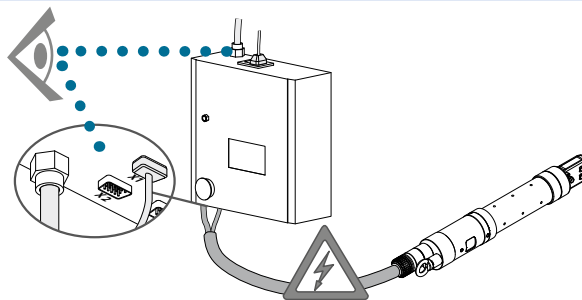
2.2 1



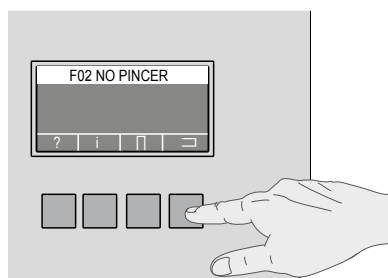
2.2 4

2.2

1

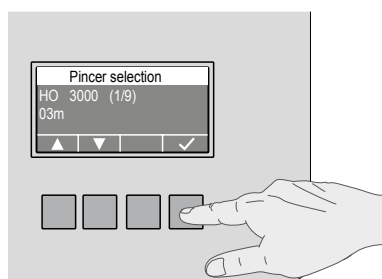


2



1 s

3

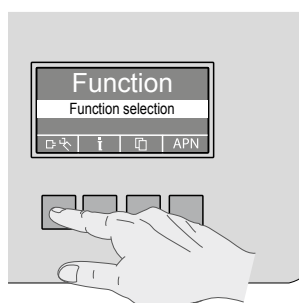


The ELK 02 recognizes the pincer series and displays the pincer options for the connected pincer.

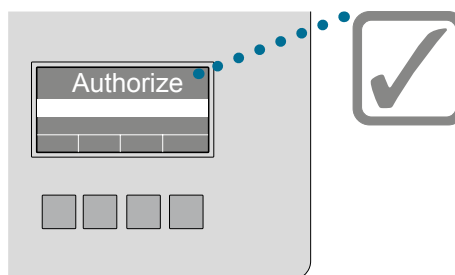
If pincer is not recognized:
Select the connected pincer and the
length of the cable assembly.



4



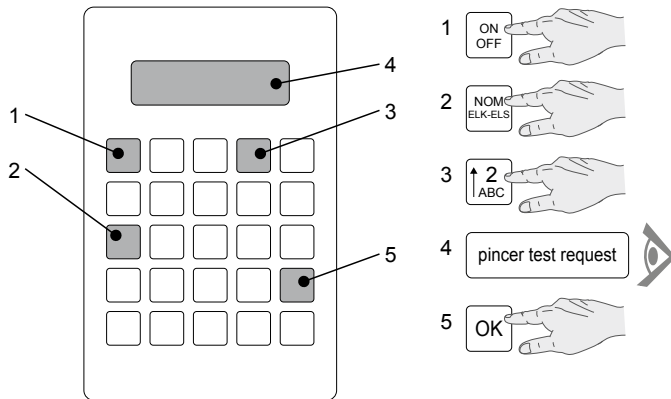
5



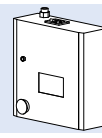
3.1



CAL 01 Function

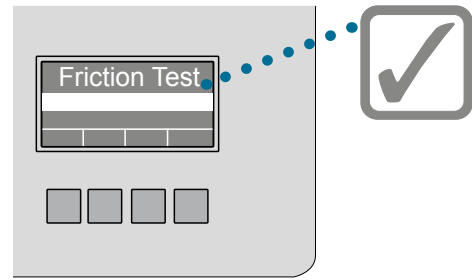


3.2

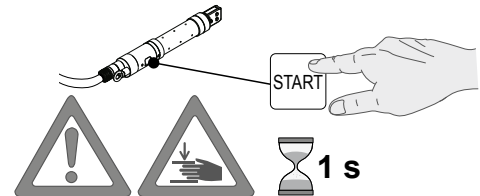


ELK 02 Friction Test

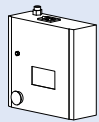
1



2

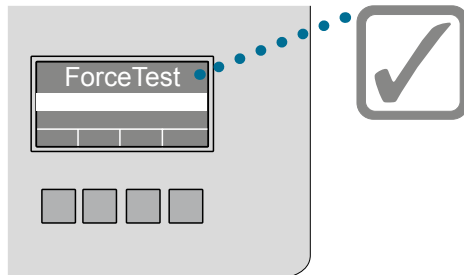


3.3

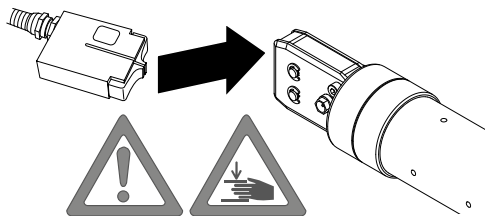


ELK 02 Force Test

1



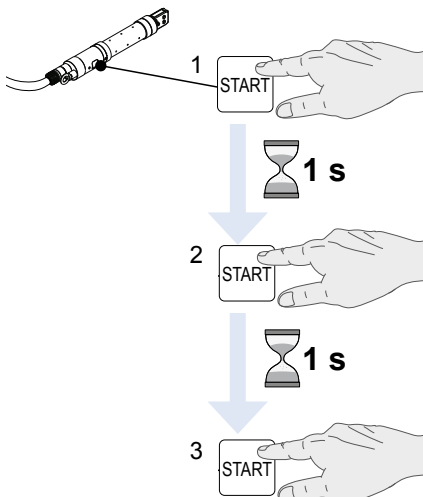
2



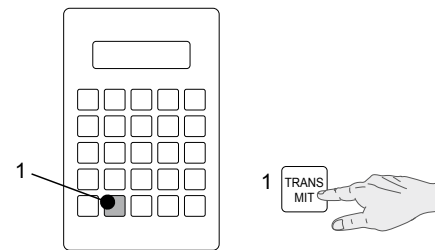
3



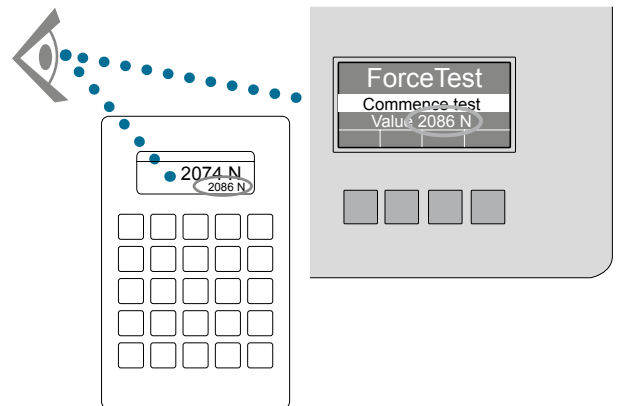
Perform force test 3x to establish an average value.



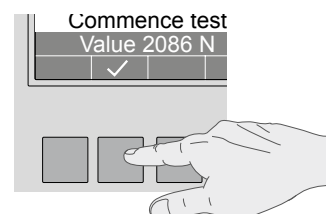
4



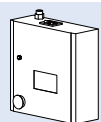
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6

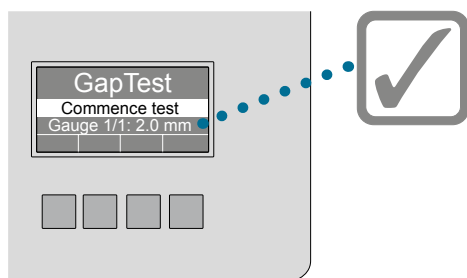


4.1

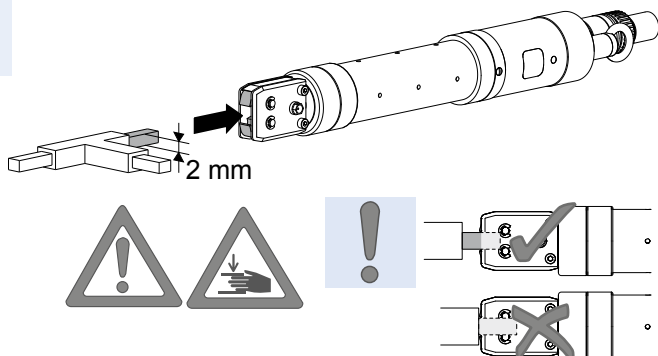


ELK 02 Gap Test

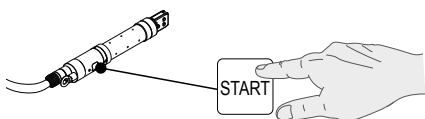
1



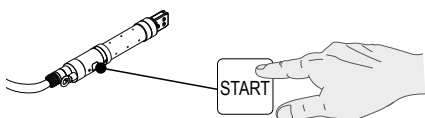
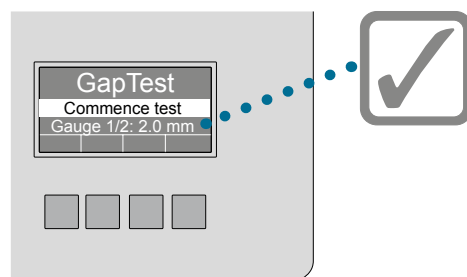
2



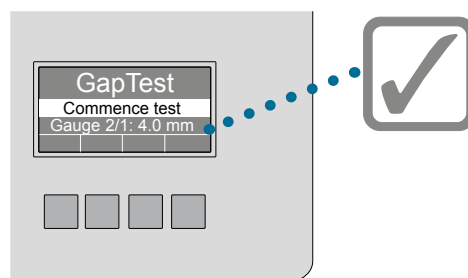
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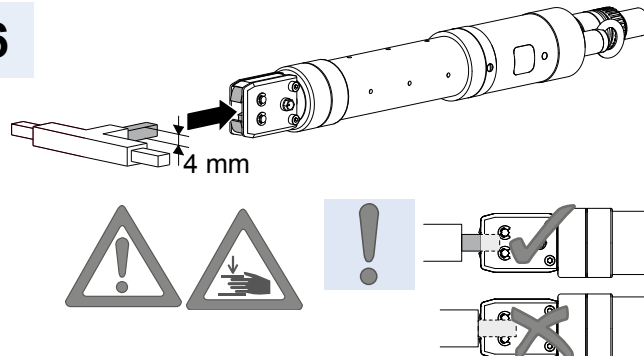
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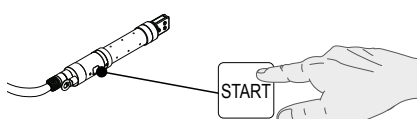
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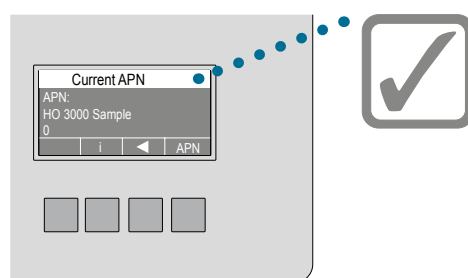
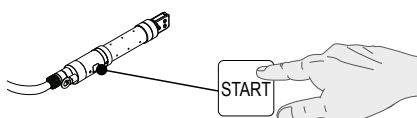
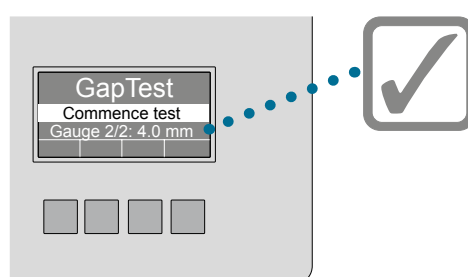
6



7



8



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