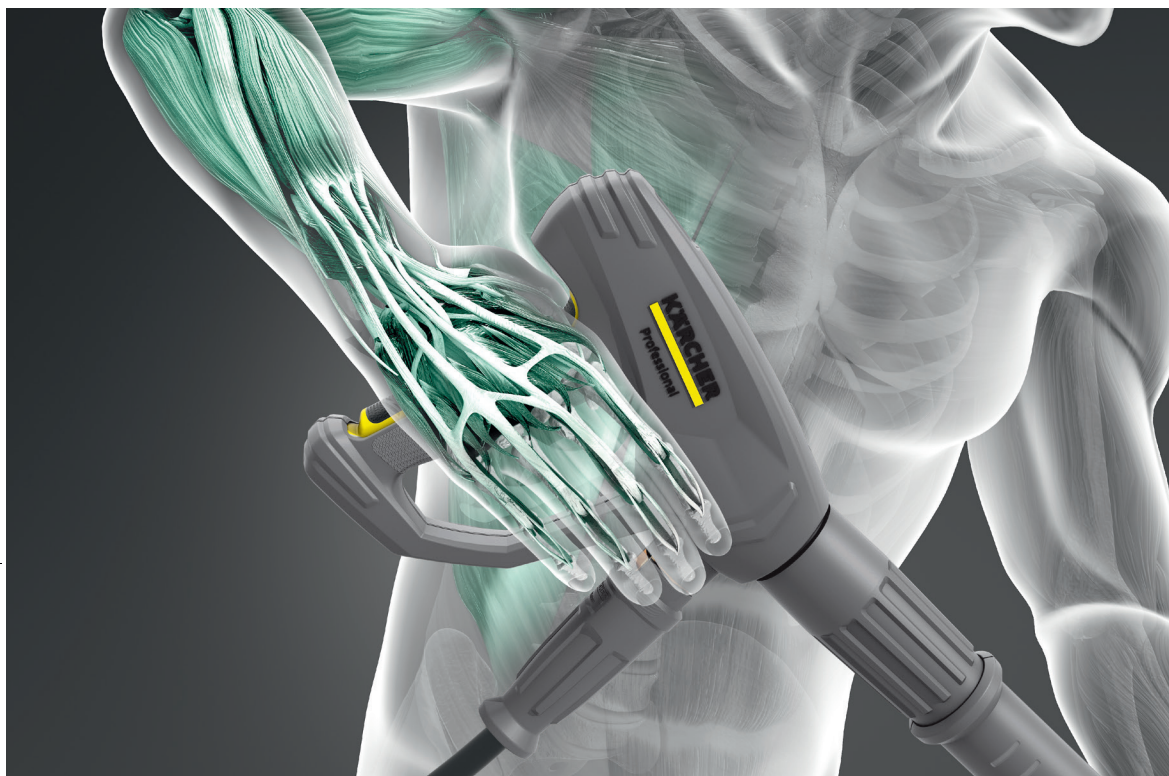


# KÄRCHER

makes a difference



## **TAKE IT EASY. ZERO HOLDING FORCE. NO FATIGUE.**

Our patented EASY!Force high-pressure gun relieves you and the pressure on your joints and muscles.

**PROFESSIONAL** | HIGH-PRESSURE CLEANERS







# **ZERO. NOTHING AT ALL. PERFECT.**

With our EASY!Force high-pressure gun we have defined a new dimension of ergonomics in high-pressure cleaning. Nothing less than that and no exaggeration. This is confirmed by both the patent and independent studies.

Ergonomics is no gimmick and not for the faint-hearted. Ergonomics is basic protection of people and their health. The labour protection laws consistently demand the protection of users during physically demanding activities such as high-pressure cleaning. In the future companies must disclose the workload and offer employees corresponding compensation, be it in the form of money, breaks or early retirement. Our EASY!Force HP trigger gun offers you many benefits compared with traditional HP trigger guns.

You guide your EASY!Force HP trigger gun with zero holding force. This protects your joints, your muscles and your entire body. It reduces the risk of injury from fatigue. And it prevents arthritis. But EASY!Force offers not only health benefits, the work results are also improved and unscheduled breaks disappear. You therefore quickly achieve a significant increase in all areas with EASY!Force and zero holding force.

# **THE SMALLER MUSCLES TAKE A BREAK. THE BIGGER MUSCLES DO THE JOB.**

Not all types of force are alike. What matters is how much muscle mass is needed to produce the necessary force. Smaller muscles tire more quickly than larger muscles under the same load. Also the movement of the joints out of their neutral position is also decisive for fatigue. And this is exactly where our EASY!Force HP trigger gun comes into play.

In order to hold and operate the HP trigger gun and HP lance, instead of smaller muscle groups in the fingers and forearm being stimulated, larger muscle groups in the upper arm are activated. This eliminates early fatigue. With traditional HP trigger guns the fingers must be curled into a fist. With EASY!Force the hand remains in the relaxed neutral position, the fingers are not bent.

The shift of the holding forces from small to large muscle groups, together with the ideal ergonomics of the HP trigger gun and the relaxed handling, leads to significantly reduced strain on the muscles. This makes possible fatigue-free work over the long term and results in better and more cost-efficient work performance with optimal work results.



# WHAT THE PROFESSIONALS SAY: IT'S ALL EASY.

In a comparative test our EASY!Force HP trigger gun was best by far. In the test with 5 traditional high-pressure guns the EASY!Force impressed all users, men and women alike.



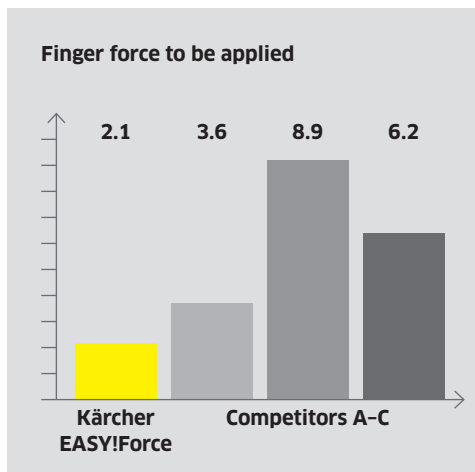
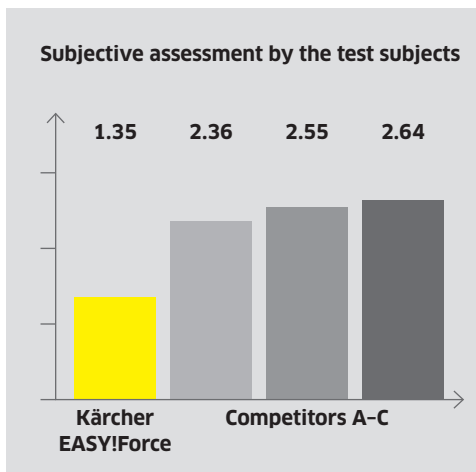
The EASY!Force was tested in real work activities with maximum performance in standard conditions. The study was conducted jointly by the University of Kassel, the VDE Testing and Certification Institute and the DLG-Test Center Technology and Farm Inputs. In these realistic tests force measurements were carried out by sensors and the measurement of movements as well as eye movements were done using state-of-the-art "cEYEberman"

technology. From the measurements the experts created diagrams of the movements of fingers, arms, eyes and body, particularly the back. A standard survey of the test subjects provided important subjective assessments with the objective measured values.



KÄRCHER  
EASY!FORCE  
✓ Handling  
✓ Ergonomics  
DLG Test Report 6772





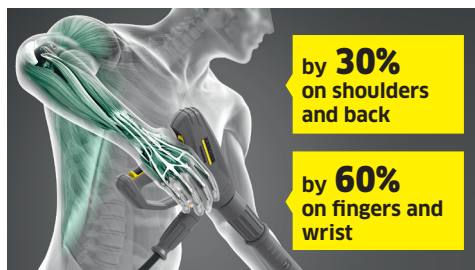
## The evaluation of the measurement results as well as the surveys produce a clear result:

Our EASY!Force high-pressure gun relieves the strain on the user with formidable ergonomics and makes it possible for the user to work fatigue-free and more effectively. All test subjects independently described the much better handling of the EASY!Force.

The study was also able to explain why this is the case. The ergonomics have a strong impact on the user's working posture. The measurement results showed significant relief of the fingers and as a result the joints, elbow and back. The back is protected with significantly reduced turning

movements. The movements become more fluid and smooth, less rigid and tense with increased flexibility at the same time. The fine motor skills of elbow and wrist are also supported. The entire working process is more purposeful and relaxed. The risk of injury, especially injuries due to fatigue from redundant motion sequences, drops considerably. Based on these test results our EASY!Force HP trigger gun received the seals of approval "DLG-APPROVED" and "VDE-Certified Ergonomics and Handling". The greatest honour however is when you as a user benefit daily from the excellent ergonomics of your EASY!Force and are impressed.

### The open position of the hand reduces the effort:



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