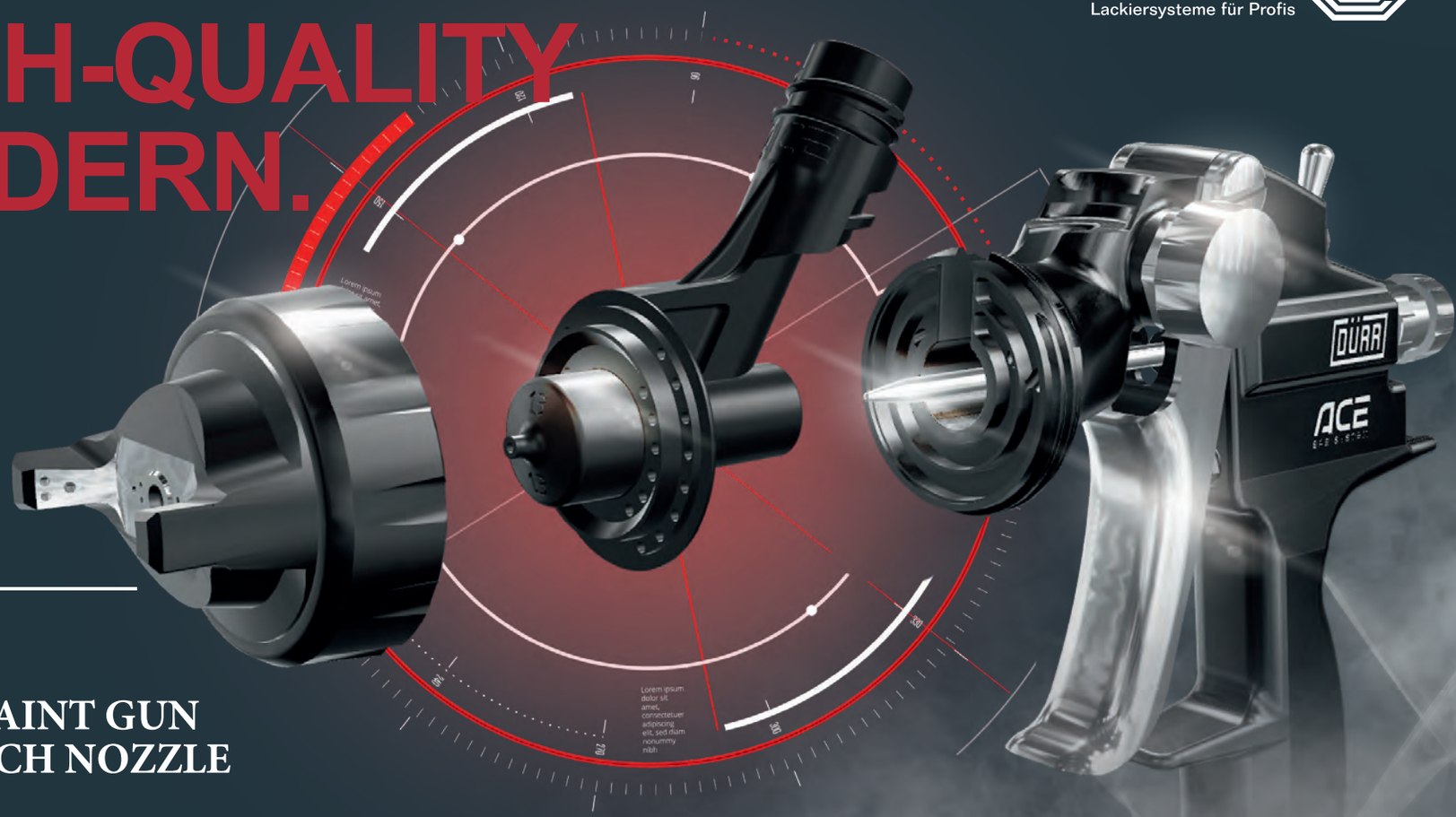
PRECISE HIGH-QUALITY MODERN.

HSM
Lackiersysteme für Profis



NOVEL PAINT GUN HIGH-TECH NOZZLE INSERT

ACE
SPE SYSTEM

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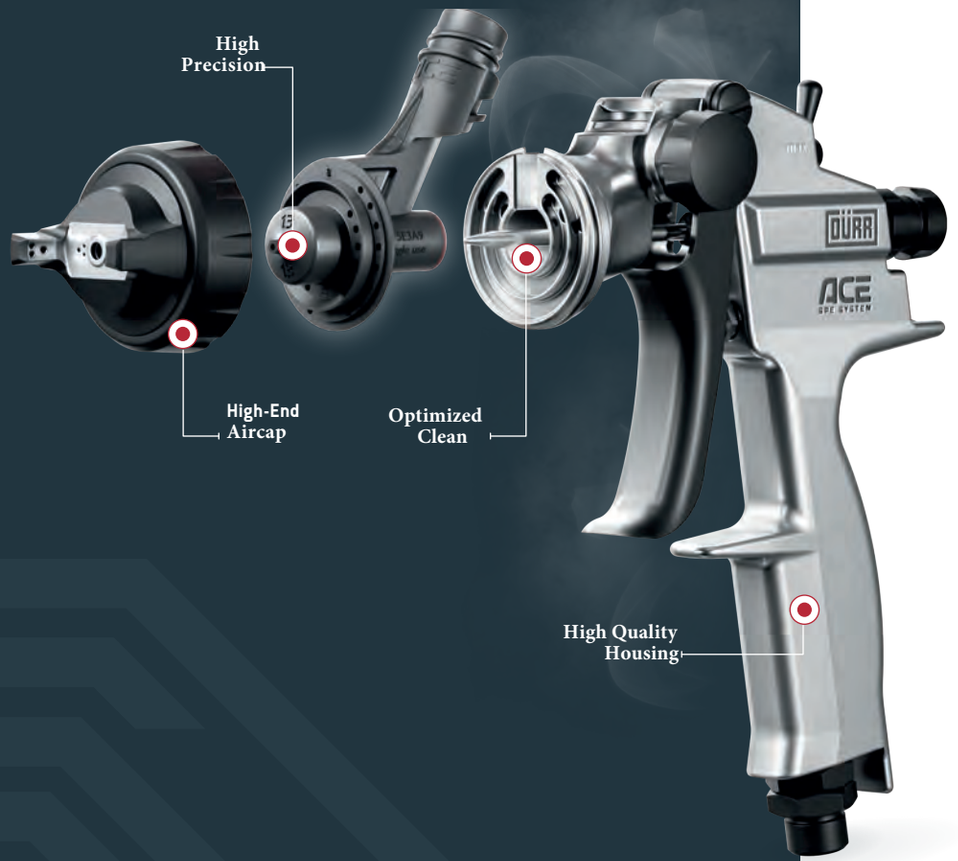
SPE SYSTEM



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PROVEN TECHNOLOGY, IN COMBINATION WITH THE LATEST TECHNOLOGY

High Precision

Our modern interchangeable HSM Nozzle inserts are high-tech precision components providing uniform atomization and guarantees a first-class transfer efficiency.
With the high-end ACE spray gun from HSM you get an unprecedented spray performance and productivity.

High-End Aircap

State-of-the-art spray caps that optimally matched with the ACE spray gun, guarantee a pinpoint accuracy and almost flawless spray pattern. They are available in sizes between 1.2 mm up to 2.5 mm and thus enable a simple order of different coatings – of paints and fillers to primers or even adhesives.

Optimized cleaning and paint changes – significantly shorter cycle times

Since paint go through only the HSM nozzle inserts and not the entire case of the paint gun, the cleaning is particularly quick and easy.

- No sticking of the paint inside,
- No disassembling or soaking the paint gun in solvent,
- No cross contamination

High quality case, Light weight

The case is made of anodized Aluminum and is significantly lighter than conventional paint spray guns made of metal.
The optimized holding comfort guarantees a pleasant and relaxed work thereby improving the quality and Efficiency of your painting work.

DÜRR ECOGUN ACE – PRODUCT OVERVIEW

The spray gun is used to coat surfaces using compressed air, has a replaceable plastic nozzle and is hand-held. Plastic nozzle and cup can be exchanged once the coating process is complete.

The following factors influence the spray jet and thus the result:

- Orientation of the air cap
- amount of material
- Air pressure
- Jet width

TECHNICAL SPECIFICATIONS

Conventional air cap/ CF		
Air consumption (average)	l/min	240
Transfer rate	%	> 65
Air cap LVLP/LF		
Air consumption (average)	l/min	300
Transfer rate	%	> 75
Air pressure		
Maximum	bar	7,0
Recommended	bar	2,0 – 3,0
Operating temperature (min./max)	°C	10/40
Ø-Nozzle sizes	mm	1,2 – 2,5 (total 7 sizes)
Housing		Aluminum, blue anodized
Weight (with plastic nozzle, without cup)	g	418

1. ..... Aircap (conventional/CF or LVLP/LF)
2. ..... Flat jet regulation
3. ..... Nozzle insert (with cup connection)
4. ..... Air regulation
5. ..... Locknut
6. ..... Stop screw (Quick Clip Technology)
7. ..... Air connection

ACE-SPE NOZZLE INSERT – ALWAYS THE RIGHT NOZZLE SIZE

Use one of the seven available ACE SPE system nozzle inserts to process the different paint materials. The nozzle size must be adapted to the planned use. It is particularly important to note which type of coating is involved

A special application, but deviations can also occur with the paint manufacturers themselves. We therefore recommend that the next larger or next smaller nozzle is used if the material flow is too low or too high.

COATING SYSTEMS	NOZZLE INSERT						
	1.2	1.3	1.4	1.6	1.8	2.0	2.5
High viscosity paints					●	●	●
Spray putty					●	●	●
High build filler			●	●	●	●	●
Sanding filler			●	●	●		
Wet-on-wet filler		●	●				
Plain top coat			●				
Solvent-based paints		●	●				
Clear coat	●	●	●				
Base paint	●	●					
UV filler	●	●					
Effect paints	●	●					
Smart/minor damage repair	●						

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ACE SPE SYSTEM

- Visually they differ different HSM ACE-SPE system nozzle inserts from each other. To define and differentiate between the nozzle sizes, the sizes are indicated on the front above the nozzle.

- To protect these precision components from damage, each nozzle insert is provided with a protective cap.

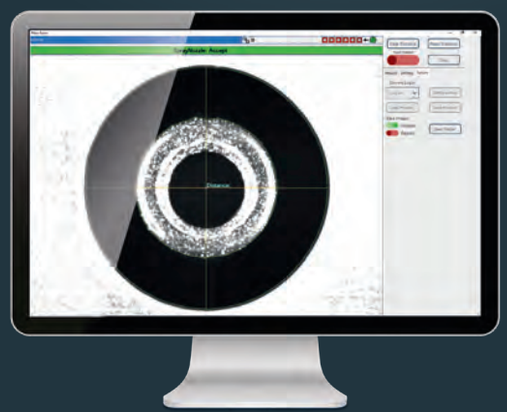
  Simply remove the protective cap before use.

THE HSM ACE-SPE SYSTEM NOZZLE INSERT – HIGH-TECH INSIDE THE PAINT GUN

THE SECRET LIES IN OUR YEARS AND CONTINUOUS DEVELOPMENT WORK

The HSM ACE-SPE system nozzle insert is a precision component of the most modern generation. It guarantees continuous application and an always consistent spray pattern.

- ....Accuracy of the nozzle opening a hair's breadth
- ....Independently tested and checked
- ....lasered serial number as release - and guarantee certificate
- ....no more cleaning of the pistol necessary
- ....Needle tip becomes instantaneous wiped off and the nozzle insert replaced
- ....No more cross-contamination possible
- ....Reproducible spraying result.
- ....After each replacement of the nozzle insert, practically a new spray gun
- ....The low consumption of solvents benefits the environment and your health
- ....Suitable for all painting work: Primers, fillers, top coats and high-viscosity media
- ....Available in sizes from 1.2 mm to 2.5 mm



Each HSM ACE-SPE system nozzle insert is checked and tested by an independent party. A serial number is then lasered in, which makes each nozzle individually traceable and guarantees a guarantee claim.

The entire color channel including nozzle is replaced quickly and easily

Ink residues on the needle are automatically removed during the change process

Only the tip of the needle needs to be cleaned. The spray gun is ready for use again within a few seconds - a time saving of 90%

NO COMPROMISES

WELL THOUGHT OUT SYSTEMS IN PERFECT SYMBIOSIS.
ACE-SPE system optimal nozzle insert

In combination with cups from the HSM SPA system easy line or HSM SPA system easy line mix

ACE
SPE SYSTEM

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