



# THE SPIKER<sup>®</sup> ES

The Spiker<sup>®</sup> ES is a needle peening tool that was designed for difficult-to-reach geometries.



## ADVANTAGES

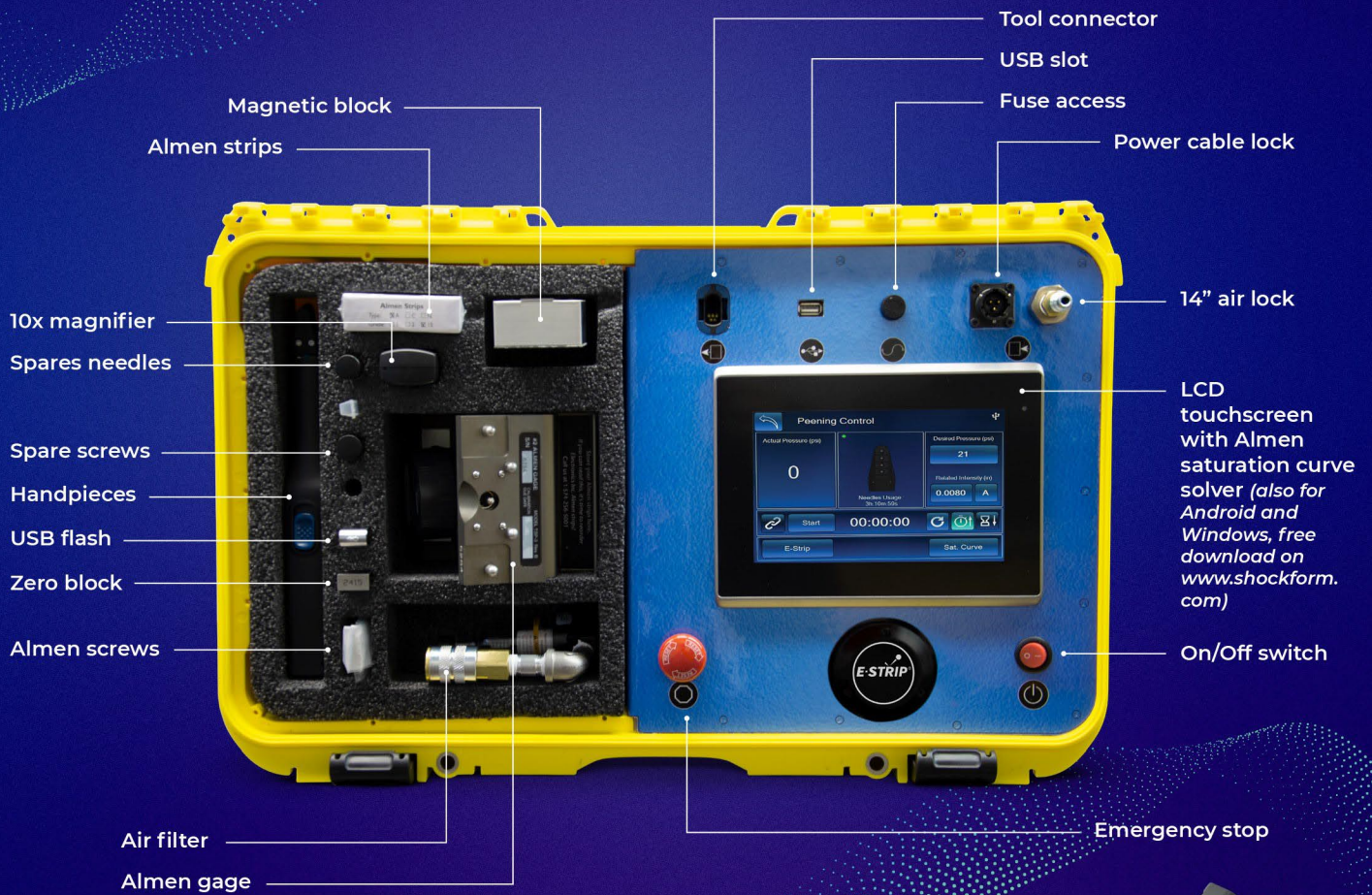
- Avoid risks of F.O.D.
- Intensity range 8N-15N/4A-16A
- Process date saved to USB key
- User-friendly color interface
- Very smooth surface finish
- Reliable and repeatable
- Easy to print report
- Deep compressive residual stresses
- Adaptable end caps for different geometries
- Peen flat surfaces, inner and outer radiuses
- Small head for hard to Reach Areas
- Significant cost saving potential
- Fast and effective repair peening

### Single needle head



### 4 needles linear head with 3 different end caps





## SPECIFICATIONS

- Central unit dimensions — L22.0 x W14.0 x H9.0 in (L559 x W356 x H229 mm)
- Weight — 21 lbs (9.5 Kg) empty, 27 lbs (12.3 Kg) fully loaded
- Protection — Weather proof impact resistant NK-7 Resin Exterior
- Control signal — Closed loop pressure feedback
- Repeatability — +/- 1 PSI
- Pressure monitoring — Continuous with alarm
- Solver — Integrated saturation curve solver for Almen intensity
- Needle usage tracking — Yes
- Data recording — Through 2GB USB Flash
- Calibration setup — Yes
- Display — 7 inch 800 x 480 color touchscreen display
- Pressure input — 60 - 129 PSI (4 - 9 bar)
- Handpiece cord length — 25 Ft (7.7 m)
- Electrical input — 100 - 240V, 50/60 Hz, 3.0 A
- Certification — CE, AMS 2545, NADCAP 7117/6



**WOMEN OWNED**