

HNS Series Digital Torque Wrench Calibrators



ITEM NO.:HNS

HNS series digital torque wrench calibrator is dedicated to test instruments of various kinds of torque wrench. The torque force value is accurate and visual. Mortise preparations are all simple and easy to clamp.

Main Characteristics

1. High accuracy, High resolution and High sample rate
2. Set the upper and lower deviation value freedom, sound alarm and automatically level signal output
3. Test direction display (clockwise" + ", counterclockwise" - ")
4. Sections of liquid crystal display, green backlight panel
5. Store 99 groups of test data, and automatically calculating the average of the data is stored, the maximum and the minimum
6. Converting three units(N.m, Kgf.cm , lbf.in) automatically.
7. Catching the peak value in test, showing it on display for 0-99 seconds, then releasing the value and being ready for the next peak.
8. Gravitational acceleration value can be set
9. Power off time(0-99 minutes) can be set by yourself.
10. Using external intelligent charger, can charge the battery safely, extend battery life
11. Serial output (baud rate, 9600), can print the test data and the maximum, minimum
12. Average connection PC for real-time data can be read, storage, analysis, printing and other operations
13. Effective stroke: $\leq 410\text{mm}$
14. Maximum stroke: $\leq 620\text{mm}$
15. Weight: 25kgs
16. Dimension: 800×200×200mm

HNS Series Spec Parameters

| Model | HNS-1 | HNS-2 | HNS-5 | HNS-10 | HNS-20 | HNS-50 | HNS-100 | HNS-200 | HNS-500 | HNS-1000 | HNS-2000 | HNS-5000 |
|------------------|-----------------------|----------|----------|----------|---------|---------|---------|---------|---------|----------|----------|----------|
| Capacity | 1N.m | 2N.m | 5N.m | 10N.m | 20N.m | 50N.m | 100N.m | 200N.m | 500N.m | 1000N.m | 2000N.m | 5000N.m |
| Resolution | 0.0005N.m | 0.001N.m | 0.002N.m | 0.005N.m | 0.01N.m | 0.02N.m | 0.05N.m | 0.1N.m | 0.2N.m | 0.4N.m | 0.8N.m | 2N.m |
| Unit | N.m / kgf.cm / lbf.in | | | | | | | | | | | |
| Accuracy | $\pm 0.5\%$ | | | | | | | | | | | |
| Effective Stroke | $\leq 410\text{mm}$ | | | | | | | | | | | |
| Max Stroke | $\leq 620\text{mm}$ | | | | | | | | | | | |
| Dimension | 800×200×200mm | | | | | | | | | | | |
| Weight | 25KGS | | | | | | | | | | | |