

Digital Torque Wrench – Exacta® 2



Option: Free software 'ExaWin' for convenient programming on PC.

Dovetail with Spring/Pin vs. Dovetail Quick Change (QC).



Sturtevant Richmond's Exacta® 2 series sets a new standard for digital torque wrench performance in assembly, maintenance and auditing. Better still, this new design as robust as it is accurate and reliable. The three modes of operation onboard permit use in almost every circumstance. Programmable limits with visual notification. Supplementing the visual information are audible prompts from a beeper. You'll always know when the torque is right. The Residual mode assists the user in determining retained torque on a joint.

Exacta® 2 has a Yellow/Green/Red illumination system to guide you as you use the wrench. The display and a raised lens on the back of the wrench both illuminate when each significant torque value is reached. An LED provides a Yellow/Orange light as you approach the minimum torque specification. The light turns Green when you reach the minimum torque, and remains green until you either stop pulling on the wrench or the maximum torque specification is attained. If you overtorque, it turns bright Red to let you know. Just pull to Green!

Error Proofing By Guidance: Supplementing the visual information is audible prompts from a beeper. You'll always know when the torque is right!

Exacta® 2 comes with a serial cable for communication with a PC, and can download readings as they are taken, or in a batch mode! The readings can be saved as a text file and imported by almost any statistical or spreadsheet software. This is an invaluable aid when performing process design and process analysis!

- ▶ Bi-directional accuracy of $\pm 1\%$ of Indicated Value from 20% to 100% of capacity in Track and Peak modes .
- ▶ Meets or exceeds requirements of **ASME B107.300-2010** and **ISO 6789**.
- ▶ Three modes of operation – Track, Peak, and Residual.
- ▶ Simple front panel programming via four keyswitches.
- ▶ Large, bright display can be read at arms length, even in shadow.
- ▶ Yellow/Green/Red color scheme informs operator of tightening status.
- ▶ Audible prompts from a beeper supplement visual information.
- ▶ 999 memory locations can be accessed, reviewed, uploaded and printed.
- ▶ Ships in a custom, blow-molded plastic case to protect the wrench.
- ▶ FREE certification from ISO/IEC 17025 Accredited Calibration Laboratory!
- ▶ Uses four (4) AA 1.2V **NiMH** rechargeable batteries (IEC-HR6).



Status Colour Scheme

- **Yellow** = lower torque limit is met, target will soon be achieved.
- **Green** = target torque is achieved. Stop applying force.
- **Red** = upper torque limit exceeded! Loosen fastener and retorque.

Free ExaWin **INFO**

software permits downloading max and min torque limits, units of measure, and other key operating functions directly from your PC.

Exacta® 2

Accuracy $\pm 1\%$

| Model | Item No. | Torque Range* | | | | Length mm | Weight kg | Head Attachment |
|------------------|----------|------------------|-----------|-------------|-------------|-----------|-----------|-----------------------|
| | | N-m | lbf-ft | lbf-in | kgf-cm | | | |
| Exacta2 – 25 | R 10530 | 6.8 - 34 | 5 - 25 | 60 - 300 | 69 - 345 | 409 | 1.27 | Dovetail w Spring/Pin |
| Exacta2 – 75 | R 10531 | 20 - 101 | 15 - 75 | 180 - 900 | 207 - 1037 | 493 | 1.36 | Dovetail w Spring/Pin |
| Exacta2 – 150 | R 10532 | 41 - 203 | 30 - 150 | 360 - 1800 | 415 - 2073 | 546 | 1.41 | Dovetail w Spring/Pin |
| Exacta2 – 250 | R 10536 | 68 - 339 | 50 - 250 | 600 - 3000 | 691 - 3456 | 587 | 1.7 | Dovetail w Spring/Pin |
| Exacta2 – 400 | R 10535 | 108 - 542 | 80 - 400 | 960 - 4800 | 1106 - 5530 | 894 | 3.5 | Dovetail w Spring/Pin |
| Exacta2 – 250R | R 10533 | 68 - 339 | 50 - 250 | 600 - 3000 | 691 - 3456 | 640 | 1.9 | Sq Drv Ratchet 1/2 |
| Exacta2 – 400R | R 10537 | 108 - 542 | 80 - 400 | 960 - 4800 | 1106 - 5530 | 973 | 4.1 | Sq Drv Ratchet 3/4 |
| Exacta2 – 600R | R 10534 | 163 - 813 | 120 - 600 | 1440 - 7200 | 1659 - 8295 | 1516 | 5.9 | Sq Drv Ratchet 3/4 |
| Exacta2 – 25 QC | R 10521 | 6.8 - 34 | 5 - 25 | 60 - 300 | 69 - 345 | 409 | 1.27 | Dovetail Quick Change |
| Exacta2 – 75 QC | R 10522 | 20 - 101 | 15 - 75 | 180 - 900 | 207 - 1037 | 493 | 1.36 | Dovetail Quick Change |
| Exacta2 – 150 QC | R 10523 | 41 - 203 | 30 - 150 | 360 - 1800 | 415 - 2073 | 546 | 1.41 | Dovetail Quick Change |
| Exacta2 – 250 QC | R 10518 | 68 - 339 | 50 - 250 | 600 - 3000 | 691 - 3456 | 587 | 1.7 | Dovetail Quick Change |

* Table showing specifications by manufacturer. Usage in moderate performance range (approx. 1/3 to 4/5 of rated capacity) is recommended. If you regularly worked close to the limit of load (maximum capacity), a larger model or tool might be more advisable.

