

# hilmar®

## Torquímetro Digital Ajustável

Instruções de Operação e Manutenção



Modelo

1963826

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# Introdução

A chave de torque ajustável digital Hilmor facilita o aperto das porcas de alargamento. Basta ajustar o bocal para caber nos tamanhos imperial ou métrico mais comuns de porca flange e definir o torque na tela digital para ajudar a garantir que seu ponto de conexão seja apertado corretamente todas as vezes.

Cada chave de torque ajustável digital Hilmor vem calibrada de fábrica com precisão de +/-3% e tem uma garantia limitada de dois anos para o acabamento. Danos causados por uso indevido não são cobertos pela garantia. Um certificado de calibração acompanha o produto. Visite [hilmor.com](http://hilmor.com) para registro do produto, melhores práticas de calibração e informações sobre garantia.

## **ATENÇÃO:**

É importante ler todo o manual de instruções cuidadosamente para obter uma compreensão completa dos recursos, limitações e especificações da ferramenta antes do uso. Os produtos Hilmor são projetados e fabricados para serem usados por técnicos HVAC/R treinados e licenciados. A aplicação incorreta pode resultar em acidentes, ferimentos ou morte. Consulte a página 10 para conhecer os avisos de segurança.




















## Track Mode:

### To Select Track Mode

1. The hilmor Digital Adjustable Torque Wrench will be set from the factory to Peak Mode. This can be verified by looking for the small “P” in the bottom right corner of the screen.
2. To change to Track Mode, first press and hold  until  appears.
3. Press the  or  arrows to select T (Track Mode) or P (Peak Mode).
4. Press  again.
5. Press  repeatedly until the display screen is showing the torque reading. Check for a P or T in the bottom right corner.

### Usage Instructions (Track Mode):

1. Apply force slowly at the center of the handle.
2. As the flare nut is tightened, the actual torque value will appear on the screen and increase as more torque is applied.
3. LED lights along the sides of the display will increase as the hilmor Digital Adjustable Torque Wrench gets closer to the desired torque value. A buzzer will sound as torque is applied, speeding up as torque is increased.
4. When the desired torque value is reached, the value will appear on the display, the green lights will continue and a red light will appear. The buzzer will also change to a steady tone.
  - Do not torque to more than 110% of maximum torque range. This will cause an error message  to appear and can decrease the accuracy of the hilmor Digital Adjustable Torque Wrench and require recalibration.
  - Maximum torque values: 135 N-m, 99.5 ft-lbs, 1195 in-lbs, 1378 kg-cm.

# TECHNICAL SPECIFICATIONS

<b>Part Number</b>	<b>1963826</b>
<b>Jaw Size (Inches)</b>	1/4" to 1-1/16"
<b>Jaw Size (Metric)</b>	5mm to 27mm
<b>Torque Range (N-m)</b>	6.8-135
<b>Torque Range (ft-lbs)</b>	5-99.5
<b>Torque Range (in-lbs)</b>	60-1195
<b>Torque Range (kg-cm)</b>	69-1378
<b>Accuracy</b>	+/- 3%
<b>Batteries</b>	2-AA
<b>Measurement Increments</b>	0.1 (N-m, ft-lb)
<b>Operation Modes</b>	Track, Peak
<b>Memory Presets</b>	9
<b>Operating Temperature</b>	14°F to 140°F

## ADDITIONAL INFORMATION:

- The hilmor Digital Adjustable Torque Wrench has an automatic shutoff feature. It will shut off after four minutes of inactivity to conserve battery life. Simply press the power button to restart.
- A low battery symbol will appear at the bottom of the display when the batteries are low.

# MAINTENANCE, SAFETY & LIMITED WARRANTY

## MAINTENANCE:

In order to maintain tool accuracy and retain optimal performance, the hilmor Digital Adjustable Torque Wrench should be treated with care.

- The hilmor Digital Adjustable Torque Wrench should be recalibrated once a year to maintain accuracy. Please register your hilmor Digital Adjustable Torque Wrench at [hilmor.com](http://hilmor.com) for calibration details.
- Tightening to a torque level of 110% or more of the maximum torque range can result in loss of accuracy.
- Do not shake, drop or use the hilmor Digital Adjustable Torque Wrench as a hammer. Store the hilmor Digital Adjustable Torque Wrench in its kit box in a safe location when not in use.
- Do not leave the hilmor Digital Adjustable Torque Wrench exposed to excessive heat, humidity or direct sunlight for extended periods of time.
- Avoid contact with magnets.
- Avoid contact with water. If the hilmor Digital Adjustable Torque Wrench gets wet, wipe dry with a towel as soon as possible.

## SAFETY PRECAUTIONS:

- **WARNING!** To prevent personal injury, please read the operating manual carefully and operate only as instructed. Wear safety glasses, gloves and all other recommended safety gear when working with refrigerants. Contact with refrigerants may cause injury.

## LIMITED WARRANTY:

- The hilmor Digital Adjustable Torque Wrench has a two-year limited warranty from the purchase date.
- Visit [hilmor.com](http://hilmor.com) for more warranty information.



This device complies with Part 15 of the FCC Rules and ICES-003.  
Case# T161117N03-D



301 Chestnut Street, East Longmeadow, MA 01028  
hilmar.com + 1-800-628-8810