



Freedom¹

Digital Torque/Angle Wrench
with WiFi



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Freedom¹ - Ed. 5 - EN

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Freedom¹

With compact design and WiFi connectivity, it is an optimized wrench for tightening operations.



VPG+ interface via WiFi

- Rechargeable Li-on Battery
- Battery Charger

Code	Model	Capacity	Drive	L1	L2	Weight (no ratchet)
		N-m	mm	mm	mm	Kg
113 34 0050 113 35 0050	Freedom ¹ Freedom ¹ WiFi	50	9 x 12	389	46	0.90
113 34 0100 113 35 0100	Freedom ¹ Freedom ¹ WiFi	100	9 x 12	413	46	1.04
113 34 0200 113 35 0200	Freedom ¹ Freedom ¹ WiFi	200	14 x 18	506	46	1.25
113 34 0350 113 35 0350	Freedom ¹ Freedom ¹ WiFi	350	14 x 18	604	46	1.44
113 34 0600 113 35 0600	Freedom ¹ Freedom ¹ WiFi	600	14 x 18	960	46	3.30
113 34 0800 113 35 0800	Freedom ¹ Freedom ¹ WiFi	800	3/4" Ratchet **	1094	70 (ratchet head)	4.40
113 34 1000 113 35 1000	Freedom ¹ Freedom ¹ WiFi	1000**	1" Ratchet **	1334	70 (ratchet head)	6.60
113 34 1200 113 35 1200	Freedom ¹ Freedom ¹ WiFi	1200**	1" Ratchet **	1583	70 (ratchet head)	7.50
102 11 0023	EasyReport software					
102 11 0024	Light Wi-Fi software					



Functions

- Tightening operations with various strategies with torque and angle control
- Anti-grip function for automatic joint problem detection
- VPG+ interface via WiFi
- Support the SCS Concept positioning system for position detection of the wrench on the assembly station (with VPG+)
- Input/Out optional module, to interface with customer systems (select the tightening program, receive results)
- LED ring for immediate result indication
- Statistical computation
- Rechargeable battery in the wrench handle

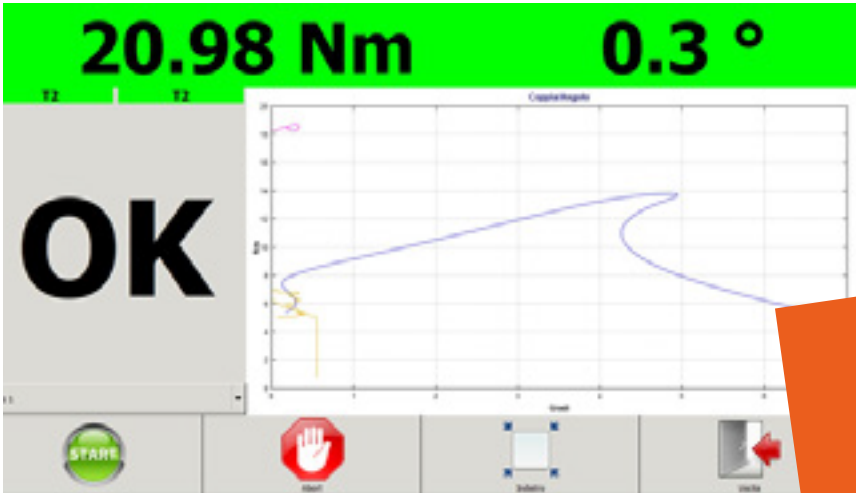
Benefits

- Accurate tightening operations
- Industry 4.0 compliance: Integration with SCS Concept and customer software systems
- Error proof assembly procedure with VPG+

Technical Data

- Torque range: from 1 N·m to 1200 N·m
- Torque measurement accuracy: 1% of the reading
- Angle measurement accuracy: 1° over 360°
- Memory capacity: 30 tightening programs, 900 results
- Maximum angular speed: 320 °/s
- Display: 132x32 pixel backlighte
- Rechargeable Li-on battery

➤ Light WiFi - Freedom¹ Management software



EasyReport
Download data from Freedom¹