

MicroTorque ETD M 200 ABL 400B: Low torque handheld DigiTork electric screwdriver with push-to-start configurability

8432 0817 20


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Whether you are manufacturing high value consumer goods or sensitive electronics, MicroTorque electric screwdrivers are designed to bring precision, productivity and quality in to your production. Ultra low-torque applications, starting at 0.5 Ncm, don't need to be demanding. Electric screwdrivers in the MicroTorque range from Atlas Copco are designed to perform consistently and precisely, time after time. The Micro Torque system is flexible, with possibility to program different tightening torque levels and strategies, with torque angle and speed control, to meet even the most challenging applications. The Micro Torque electric screwdriver provides clear operator feedback, common assembly problems like missing screws, floating screws, cross threads and stripped screws are detected and eliminated. Data can be recorded and used for statistical analysis, for full control over the assembly process. All Micro Torque screwdrivers are designed for being used in applications with electronic components, with ESD (electrostatic discharge) certification. ESD certification means a guarantee against damage of electronic components by an uncontrolled electrostatic discharge (ESD) from the tools. In practice it certifies that at no point will the material of the equipment hold an electrostatic potential above 100 V for more than 2 seconds.

Features & benefits

System with DigiTork screwdriver and MT Focus 400 B—basic version with 1 Pset.

Good ergonomics mean maximum operator comfort: comfortable grip, low tool weight and low noise level.

Possible to program via controller interface, with autaset to set torque and batch size, or via PC software interface ToolsTalk MT.

Tightening strategy with torque, angle and speed control for detecting assembly problems. One Pset can be programmed.

The most compact controller available on the market with configurable display providing clear operator feedback.

Supports PC/ToolsTalk MT, communication via USB or RS232. Can be integrated in line with fixed 4 inputs /4 output digital signals.

The tool ordering number includes a complete system: Controller, screwdriver, tool cable, controller stand, ToolsTalk MT, USB communication cable and power supply.

Technical data

Units: [Metric](#) [Imperial](#)

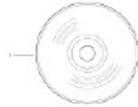
Technical Specifications	
Torque range	4.42 - 17.7 in lb
Model type	Straight
Speed range	750 r/min
Length	240 mm
Overall width	43 mm
Weight	1.43 lb
Bit drive	1/4" Hex
Shut-off system	Current control
Motor voltage	24 Volt
Sound standard	ISO15744
Sound pressure	<70 dB(A)

Vibration standard	ISO28927-2
Vibration value	<2.5 m/s ²
Motor voltage type	
Motor power	20 W

Included accessories with this product



Wall bracket
8432 0833 83



ToolsTalk MT
400A, 400B, 400D
8432 0831 30



Suspension yoke
4216 1030 00

Additional products for a complete tool system

Suitable software	
MicroTorque software model	Ordering no.
Tools Talk MTF/Analysis/Net	8432083130

Spare parts lists, Dimensional drawings, Exploded Views, Service Instructions, etc.



Below you find links to Atlas Copco ServAid application, where you find spare parts list and product instructions and a link to the Dimensional Drawing archive where you can find 2D and 3D drawings in PDF, DXF and IGS format.

[Spare part lists](#) with exploded view

[Product Instructions](#)

[Dimensional drawings](#)

Download your tool test certificate for MicroTorque screwdrivers.



A test certificate tells you that the tool has been tested and passed our requirements in the factory. This includes functional testing as well as accuracy testing.

[Download certificate](#)

Atlas Copco Service





The Leader in tool maintenance for industry Atlas Copco service is a proven cost-saver in your production. The savings you can expect from running a service program depend on the type of production you have in your plant. Many factors are taken into consideration, including: Line assembly, work at fixed stations, frequency of tool use, tool types, applications, and work environment.

Repair Service



With today's high demands on minimizing downtime for our customers, we focus on specialized workshops that can handle quick repairs and complete overhauls in the most cost-efficient way. To do that we keep a large inventory of spare parts in stock, and we have upgraded with factory fixtures and test equipment to increase our efficiency. With all this, plus certified mechanics dedicated to specific tool models, we've minimized lead times and improved the quality of each repair. After service all tools are rigorously tested to Atlas Copco specifications.

[Read more about Repair Service](#)

Atlas Copco ToolScan



Atlas Copco ToolScan™ report informs you of the status of your air tools and air supply at each workstation. The service is carried out by a highly experienced certified technician and covers the following areas: A report informing you of the status of your air supply and tools, including recommendations for improvements.

AirScan of the air supply at each workstation.

Status and performance check of the tools

Other services can be added.

You can then, together with your team, decide the next step without a binding agreement.

[Read more about Atlas Copco ToolScan™](#)

Energy Efficiency Audit



A huge amount of energy is wasted due to leaks in compressed air systems. Capacity losses of up to 20% are common in many installations. During an Energy Efficiency Audit Atlas Copco checks the static and dynamic pressure for your air tools on the line. The pressure drop is measured and documented and a visual inspection of the air installation is performed. Based on the information acquired, using the Energy Efficiency Calculator, Atlas Copco recommends the correct installation in terms of air line accessories and various other aspects.

[Read more about Energy efficiency Audit](#)

Calibration Service





With our network of calibration laboratories we can offer a complete package of calibration services to help you control quality for all assembly tools and measurement equipment in your production.

[Read more about Calibration services.](#)

Preventive Maintenance



Like other machines, Atlas Copco industrial power tools need regular maintenance in order to fulfill their full potential in terms of performance and reliability. Different agreements are available, tailored to your needs. We offer maintenance both on-site or off-site, or a combination.

[Read more about Preventive Maintenance](#)

Full Coverage Service



Our Full Coverage option keeps your power tools in top operating condition and gives you a fixed budget for all tool maintenance. Other services can be added. To develop the optimum service program for your specific manufacturing operation, take advantage of our unique ToolScan RCM process.

Full Coverage includes: [Read more about Full Coverage service](#)

- Repair, including parts
 - Calibration
 - Preventive maintenance program
 - On-site/off-site options
 - Other services can be added
-

Outsourcing solutions



We have extensive experience of outsourcing solutions and currently have more than 75 on-site workshops. These are examples of the areas we cover: [Read](#)

- Preventive maintenance, repair and calibration of all brands and types of tools.
- Installation and start-up support.
- Service management system, including developing Key Performance Indicators.
- Line and process support.
- Back-up tool/equipment and spare parts management.
- Other customer requests.

Service packages for new equipment



Investing in new tools to upgrade an existing production line? Or perhaps you're designing, installing and commissioning an entirely new line. In either case Atlas Copco's specialists are there every step of the way to help you focus on quality and efficiency. With your production up and running our service programs will help keep you online with minimum interruptions.

Product views



See the product in action

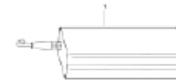
Accessories



Tool cable
2.0 m
8432 0830 37



Tool cable
3.5 m
8432 0831 02



Power supply
PS 36V 150W
8432 0830 94



I/O adapter
4216 2179 80



Vacuum adapter
8432 0770 27



Vacuum adapter
8432 0770 30



Vacuum adapter
8432 0770 55

Connector assembly
15 pin D-sub
4216 2130 80



Cable
RS323
4216 2174 80

Cable
USB
8432 0830 39

Cable
USB
4222 1238 02

Safety Information



To operate tools safely, always read and follow all Safety Information and Product Instructions. All locally legislated safety rules regarding installation, operation and maintenance must be respected at all times.

[Safety Information](#)
[Product Instructions](#)