



## DYNASAM® 4.0 communicating low-torque wrench 5-50 nm

**DYMSC-50-1**

### SAM Outillage

10 rue Camille de Rochetaillée  
42000 Saint-Etienne - France

RCS Saint-Etienne B 338 002 231 | SAS au capital de 8 189 583 €

<https://www.sam-outillage.com/>

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## DESCRIPTION

### DYNASAM® 4.0 communicating low-torque wrench 5-50 nm

#### PLUG & PLAY: INTERACTIONS WITH YOUR NETWORK

- › Configuration, setting and utilisation operations guaranteed in real time.
- › WiFi connectivity: 2.4 GHz – 5 GHz (IEEE standard 802.11 a/b/g/n) enabling a maximum range in industrial surroundings. WiFi customisable to meet your network requirements: hostName, Ip, Port...
- › Possibility of integrating a security certificate (EAP-TLS) guaranteeing the inviolability of your exchanges.

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› Open SAM protocol functioning on TCP/IP Socket with detailed procedure SAM Tools Commands (ASCII format).

#### SECURED PROCESS: TOTAL TRACEABILITY

- › Made-to-measure recording and continuous control of your operations, results and events according to your process.
- › Measurement modes available to guarantee your tightening operations: Torque, Angle, Torque + angle.
- › Controlled adjustment from the interface only: no risk of operator error.
- › Configuring of your wrench's last calibration and/or verification date.

#### IMMEDIATE IMPLEMENTATION: EASE OF USE

- › Independent measurement of your hand's position › Visual and sensory indicators to inform the operator that the torque value has been reached.
- › Wrench battery life: 8h.
- › Memory kept when changing the battery.
- › Reduced weight and dimensions.
- › Tools and accessories supplied in a dedicated box.

#### DYNASAM 4.0 FRENCH KNOW-HOW IN ELECTRONICS, MECHANICS AND IT.

Double-alert bargraph with customisable user tolerance + 3 coloured visual markers:

- Orange: tightening in progress
- Green: tightening conform
- Red: tightening non-conform.

Tightening values guaranteed thanks to the three alert levels: visual, aural and sensory.

Follower measurement precision: +/- 4%.

Wrench supplied with a 3-point calibration certificate conform to standard NF EN ISO 6789-1 (2017).

Wrench available with or without the dedicated application, to meet your needs:

- DYMSC-...-1: Includes a wrench, 2 end fittings 1/4" and 3/8" + 2 batteries with charger.
- DYMC-...-2: Same contents + smartphone + dedicated application.

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**STANDARDS / DIRECTIVES**

NF ISO 3315, NF ISO 6789-1

**SPECIFIC DATA**

Designation	DYNASAM TORQUE WRENCH 5-50 NM
Sales reference	DYMSC-50-1
Weight (kg)	3.3
Container	Box
Capacity (Nm)	5-50
Ratchet	1/4 + 3/8
double square	-
Graduation (Nm)	0,1
Ends	9x12 mm
only wrench length	
Length with ratchet (mm)	
Ratchet reference	DTC0-R , DTC0-J
Dimensions containing (mm)	90x280x425
Guarantee	M1   SAM Equipment and Machine Guarantee:

**Guarantee applied**

**M1 | SAM Equipment and Machine Guarantee:**

Guarantee for a limited period, covering technical tools, devices and machines used under normal conditions. The length is given by the number after the letter M: 1 to 5 years

>> [Find out more](#)

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