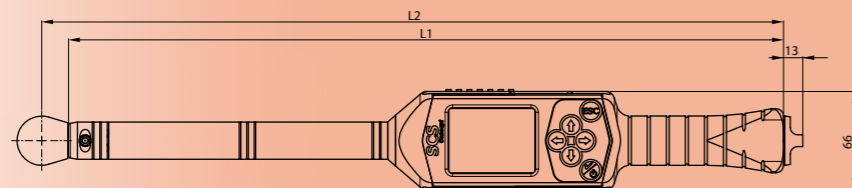


Technical data

General data	Options
<p>Measurement accuracy: ±0,5% deviation between 20% and 100% of the torque capacity ±1% deviation between 10% and 20% of the torque capacity ±0,1° display deviation of the angle</p> <p>Performance: 1GB Memory, 20.000 values - 20.000 curves - 1.000 parameter-sets, CPU 80Mips, 32-Bit processor</p> <p>Display: HiRes 2,3" Touch-screen, Resolution: 320 x 240 pixel, 65535 colors</p> <p>Power supply: Li-Io battery (changeable) 3,6 V-2700 mAh, 9 hrs. duration</p>	<p>Barcode scanner</p> <p>Ext. charger single/double</p> <p>VPG+ Software</p> <p>SQnet+ Software</p> <p>Cradle</p> <p>868 MHz Radio module</p> <p>Bluetooth Radio module</p> <p>Wi-Fi 5 GHz Radio module</p> <p>Tool Recogniton</p> <p>Rubber and display protection</p> <p>Position Recognition</p>



Model Freedom SPC/PRW	Capacity Nm	Drive mm	L1 mm	L2 mm	Weight* Kg
Freedom³ 15	15	9 x 12 female	375	+18	0,8
Freedom³ 30	30	9 x 12 female	375	+18	0,86
Freedom³ 70	70	9 x 12 female	480	498	0,93
Freedom³ 100	100	9 x 12 female	480	498	0,93
Freedom³ 200	200	14 x 18 female	604	629	1,5
Freedom³ 300	300	14 x 18 female	754	779	1,86
Freedom³ 400	400	14 x 18 female	754	779	1,86
Freedom³ 600	600	14 x 18 female	1032	1057	3,65
Freedom³ 800	800	Ø 20 male	1250	1330	5,1
Freedom³ 1000	1000	Ø 20 male	1520	1610	6,25
Freedom³ 1200	1200	Ø 28 sa female	1530	1732	7

For FWEPL TA, consider the same values and capacity of Freedom³ * without ratchet

Discover simplicity



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Advanced Tightening Solutions for Quality Control & Production

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Freedom³ - EWW³ + FWEPL TA

Tightening & Production



Freedom³ PRW-EWW³
The REAL TIME tightening
for on line production

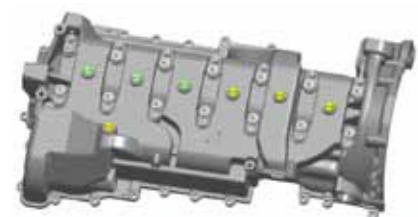
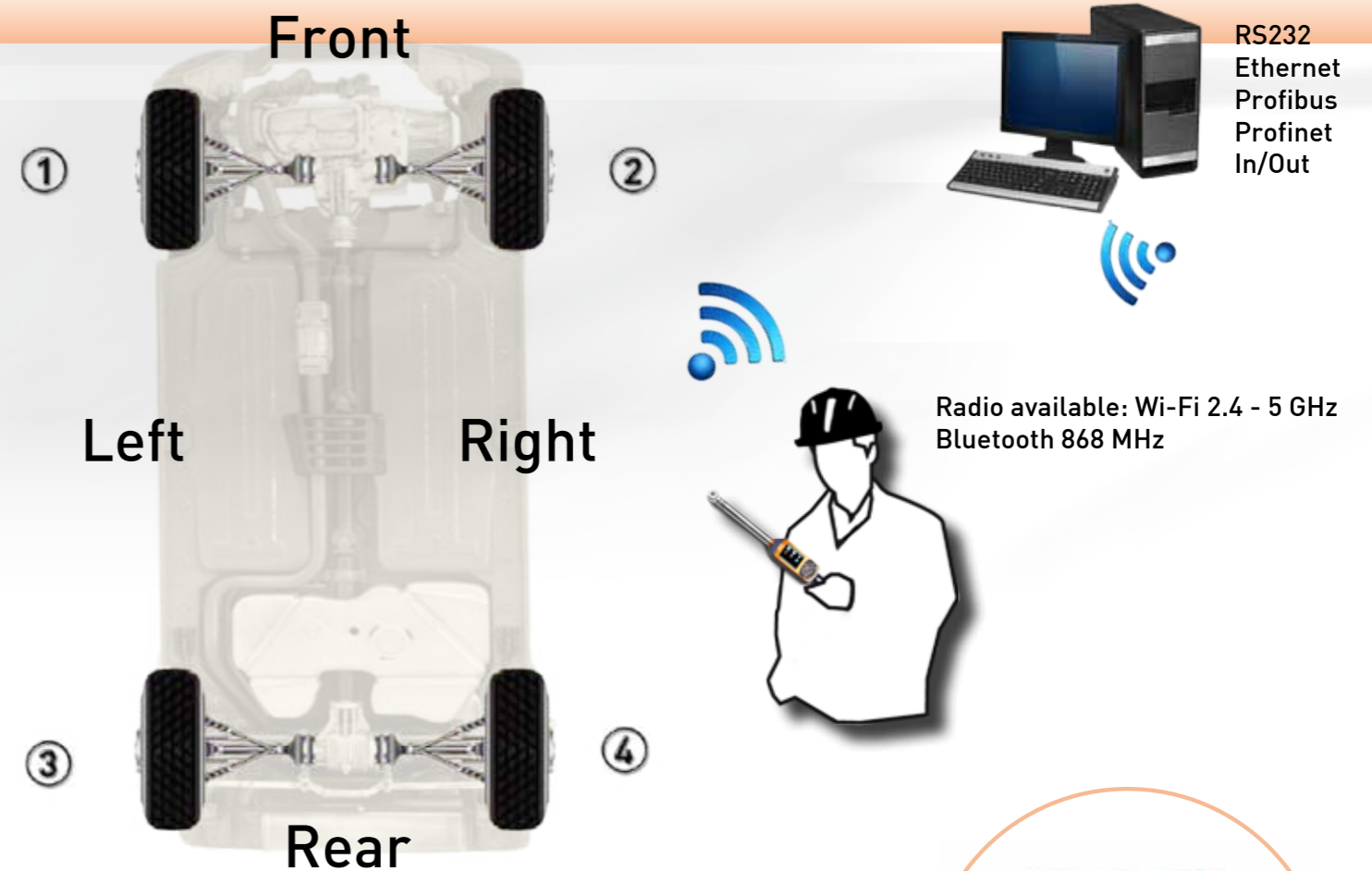
Freedom³ PRW mode & EWW³ + FWEPL TA

Freedom³ PRW mode & EWW³ + FWEPL TA are electronic wrenches designed to work in real time as an assembly tool on production line. To satisfy all customer needs, SCS developed 2 products for assembly stations, Freedom³ PRW (wireless) and EWW³ + FWEPL TA (wired). In the examples below it is possible to see some of Freedom³ and EWW³ applications already installed on production lines of our customers.

REAL TIME ON PRODUCTION LINE



AUTOMATIC DETECTION OF THE POSITION



Alternative solutions by wire using EWW³ + FWEPL TA



Alternative solutions by wire using EWW³ + FWEPL TA no position recognition

Description:

The VPG Software sends tightening programs to the Freedom³ and the user is guided by the pictures on the PC. It is also possible to work connected to a customer software, through FIM module and "DLL" open protocol.

Description:

A typical application of Freedom³ PRW mode is the wheel alignment. Thanks to a low frequency radio, it is possible to detect the position of Freedom³. The system enables the wrench only when operator is in the right position. In this way the system always guarantees the correct sequence tightening and the 100% traceability. All results are sent to a production data base.

Freedom³

Freedom³ Options and accessories



Rubber protection and display protection



LED indicator



USB port



External battery charger (single/double)



Buzzer and vibration alarm



Barcode scanner



Tool recognition



Cradle for recharging battery



Radio module

