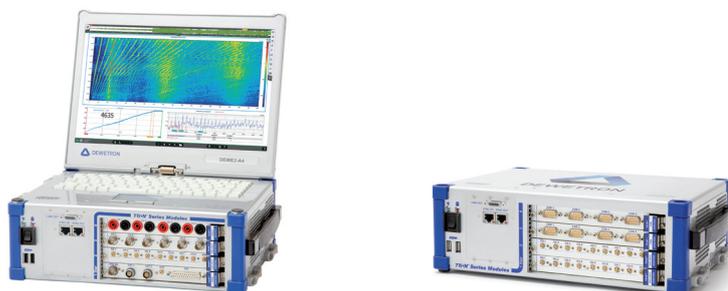


# DEWE2-A4 / M4

- > 4 slots for TRION™ series modules
- > Isolated wide range DC power supply
- > Optional internal buffer battery for ~10 minutes
- > Fully battery-powered by stackable battery pack
- > Removable solid state disk
- > Powerful Intel® Core™ i7 processor



## SPECIFICATIONS

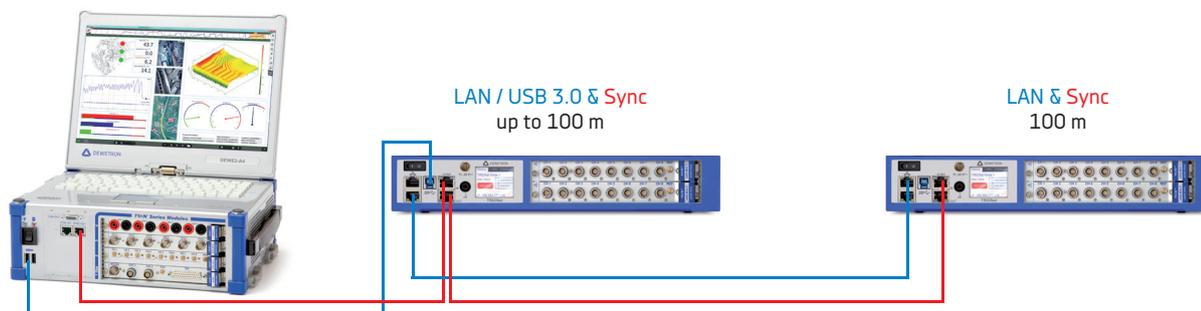
		DEWE2-A4	DEWE2-M4
Slots for TRION™ acquisition modules		4	
Dynamic channel expansion		TRIONet	
Quasi-static channel expansion		EPAD2, CPAD2 via TRION-CAN or TRION-MULTI	
<b>Main system<sup>1)</sup></b>			
Data storage		removable 256 GB SSD optional up to 1TB	
Gap free storing rate <sup>2)</sup>		Typ. 90 MB/s	
Processor		Intel® Core™ i7	
RAM		8GB	
Display		13" (1280 x 800) 2x external HDMI socket	no display 2x external HDMI socket
Ethernet		2x 1 Gbit Ethernet	
Wireless LAN		1 antenna, 802.11n standard	
USB interfaces		4x USB 3.0	
RS-232 interface		1	
Keyboard pointing device		keyboard and touchpad integrated	external keyboard and mouse included
<b>Power supply</b>			
Input voltage: rated (max.)	AC	11 to 32 V <sub>DC</sub> isolated incl. external AC power supply included	
	DC		
	Battery (optional)	Internal buffer battery for ~2 min. operation and/or external battery pack	
Power consumption without modules		Typ. 75 W	Typ. 60 W
<b>Environmental</b>			
Operating temperature		0 to +50 °C, down to -20 °C with prewarmed unit	
Storage temperature		-20 to +70 °C	
Humidity		10 to 90 % non cond., 5 to 95 % rel. humidity	
Max. altitude	[m] / [ft]	2000 / 6560	
Sine vibration test <sup>3)</sup> (EN 60068-2-6)		Shape: Sine Frequency Range: 10 - 150 Hz Acceleration: 20 m/s <sup>2</sup> Sweep Rate: 1 oct./min. Duration: 20 Cycles Test in 3 directions	
Random vibration test <sup>3)</sup> (EN 60721-3-2 Class 2M3)		Shape: Random Frequency Range: 10 - 200 Hz Spectral acceleration density: 3 m <sup>2</sup> /s <sup>3</sup> Duration: 30 min./direction	
Shocktest <sup>3)</sup> (EN 60028-2-27)		Shape: Half-sine Acceleration amplitude: 30 g Duration: 11 ms 3 pumps each direction. 6 directions in total	
<b>Dimensions, Weight</b>			
Dimensions (W x D x H)	[mm] / [in.]	317 x 252 x 128 / 12.5 x 9.9 x 5	317 x 252 x 108 / 12.5 x 9.9 x 4.3
Weight without TRION™ modules	[kg] / [lb.]	5.9 / 13	3.9 / 8.6

<sup>1)</sup> Please find current specifications in the latest pricelist

<sup>2)</sup> Depending on configuration (performance is different if e.g. Video data is involved and 2 or more files are written in parallel)

<sup>3)</sup> Tested with SSD

## DYNAMIC CHANNEL EXPANSION WITH TRIONET



### UPGRADES

<b>SSD-256G-1T</b>	Upgrade from 256 GB to 1 TB industrial grade solid state disk
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### DC CABLES AND POWER SUPPLY OPTIONS

<b>POW-CBL-2B303F-B-2</b>	DC power supply cable Lemo FGJ.2B.303 to two male 4 mm banana plugs, 2 m
<b>DW2-PS-DC-BUFFER</b>	Internal buffer battery for a DEWE2 system Bridges outages of the supply voltage up to approx. 2 minutes

### EXTERNAL BATTERY PACK

<b>DW2-UPS-250-DC</b>	External 250 W UPS and multi-battery charger with isolated 11 to 32 VDC (max.) input range. 3 slots for BAT-89WH batteries, 3 batteries included, cable set included. Longer cables for flexible use of DW2-UPS-250-DC optionally available. Mechanically compatible with DEWE2-A4 / DEWE2-M4.
<b>POW-CBL-3B302F-B-2</b>	DC power supply cable Lemo FGJ.3B.302 to two male 4 mm banana plugs, 2 m.
<b>BAT-89WH</b>	Lithium-Ion battery, 14.4 V, 95 Wh, max. 8 A
<b>BAT-CHARGER-1</b>	Desktop battery charger for 1 battery, incl. external AC adaptor
<b>BAT-CHARGER-4</b>	Desktop battery charger for 4 batteries, incl. external AC adaptor
<b>DEWE-POW-24-350</b>	External 115 / 230 VAC power supply 24 VDC, max. 350 W.



DW2-UPS-250-DC



BAT-89WH



BAT-CHARGER-4



DEWE-POW-24-350

ACCESSORIES	
DW2-A4-BAG	Carrying bag for DEWE2-A4 and DEWE2-M4
DW2-A4-CC	Shipping/carrying case for the DEWE2-A4 or DEWE2-M4 mainframe. Internal custom foam cut-out for safe transport of the device. Pull-out handle and wheels
DW2-CBL-SYNC-01	DEWE2 SYNC-cable with RJ45 plugs, 1 m
DW2-CBL-SYNC-03	DEWE2 SYNC-cable with RJ45 plugs, 3 m
MOB-DISP-T12	External 12" multi-touch display, 1280 x 800 pixel, typ. 400 cd/m <sup>2</sup> ; two suction cups for windshield mounting, carrying bag.
DW2-CLAMP-DC-POWER-8	External power supply box for connecting up to eight PQA-x/PA-x current transducers Input: 9 .. 36 VDC, ext. 115/230 VAC Power Supply included, Current transducer connection: 8 Lemo sockets with $\pm 15$ V and +9V power supply for PQA-x and PA-x current transducer.
DE-POWERBOX-11	Power distribution box with 11 connectors for DC power with voltage meter
DEWE-CAM-GIGE-SPLIT-01	Rugged box for connecting up to four DEWE-CAM-GIGE-120 cameras to a DEWETRON system integrated gigabit-ethernet switch



DW2-A4-BAG



DW2-A4-CC



MOB-DISP-T12



DW2-CLAMP-DC-POWER-8



DE-POWERBOX-11



DEWE-CAM-GIGE-SPLIT-01