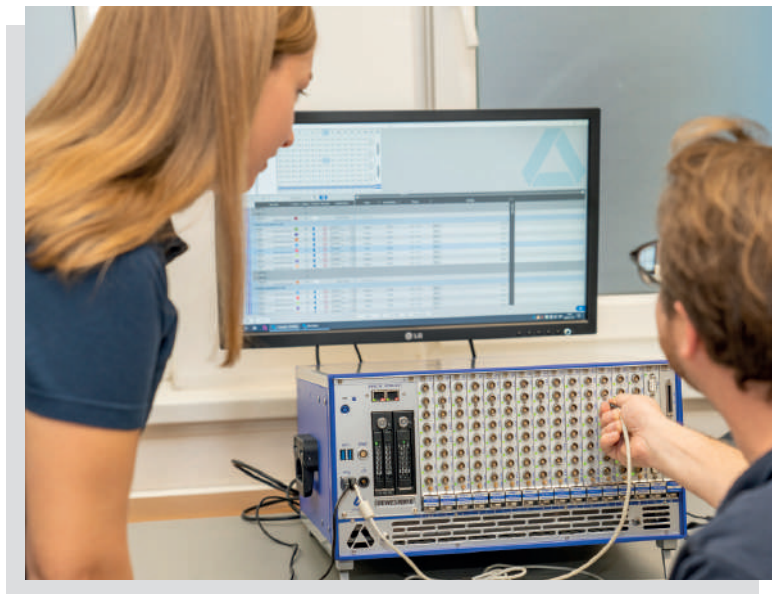


MAINFRAME SYSTEMS

- > Compact and flexible configuration
- > Convenient for mobile applications
- > Powerful PC inside for fast online displays and analysis



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	DEWE3-M4	DEWE2-M7s	DEWE2-M18
Slots for TRION / TRION3 modules	4 TRION / TRION3	7 TRION	18 TRION
High-speed channel expansion		Add TRIONet or OXYGEN-NET	
Low-speed channel expansion		XR modules	
Data storage	1 TB SSD dedicated for data storage 256 GB SSD for operating system and application software	256 GB Solid State Disk	256 GB Solid State Disk
Optional data storage		Up to 1 TB	
Gapless storing rate	Typ. 400 MB/s	Typ. 90 MB/s	Typ. 90 MB/s
POWER SUPPLY			
Input voltage (max.)	10 to 36 V _{DC} isolated; incl. external AC power supply		90 to 264 V _{AC}
Option 1	(DW2-PS-DC-Buffer) Internal buffer battery for ~5 min. operation		n/a
Option 2	(DW2-UPS-250-DC) External battery pack, 3 battery slots		n/a
DIMENSIONS			
Dimensions (W x D x H) without handle/feet	318 x 253 x 108 mm (12.5 x 10 x 4.3 in.)	258 x 230 x 177 mm (4 u) (10.2 x 9.1 x 7 in.)	441 x 427 x 177 mm (4 u) (17.4 x 16.8 x 7 in.)
Weight without modules and batteries ¹⁾	Typ. 3.9 kg (8.6 lb.)	Typ. 4.9 kg (10.8 lb.)	Typ. 13 kg (28.6 lb.)

¹⁾ Weight of one battery: 540 g (1.20 lb.)

OPTIONS AND ACCESSORIES



Box for connecting up to 4 GigE cameras; with integrated power supply
[CAM-GIGE-SPLIT-01-BOX]



Desktop battery charger for 4 batteries
[BAT-CHARGER-4]



19" mounting kit available

RACK-MOUNT MAINFRAMES

- > Rack-mount or benchtop data acquisition mainframe
- > Silent cooling, easy to maintain fan slot
- > Gapless storage of raw data up to 1 GB/s



	DEWE3-RM4	DEWE3-RM8	DEWE3-RM12	DEWE3-RM16
Slots for TRION / TRION3 modules	4 TRION / TRION3	8 TRION / TRION3	12 TRION / TRION3	16 TRION / TRION3
High-speed channel expansion	Add TRIONet or OXYGEN-NET			
Low-speed channel expansion	XR modules			
Data storage	1 TB high-speed PCIe Solid State Disk dedicated for data storage (removable)			
Optional data storage	[SSD-PCIe-1T-2T] Upgrade from 1 TB to 2 TB industrial grade, PCIe attached Solid State Disk			
Gapless storing rate	Typ. 1 GB/s			
POWER SUPPLY				
Input voltage (max.)	90 to 264 V _{AC}			
DIMENSIONS				
Dimensions (W x D x H) without handle/feet	442 x 435 x 222 mm (5 u) (17.4 x 17.1 x 8.7 in.)			
Weight without modules	Typ. 15.8 kg (34.8 lb.)			

FRONT-END OPTION FOR MAINFRAME SYSTEMS

If your measurement system should not or may not have a Windows operating system and no application software running on the system itself, we have the solution. We can turn the mainframe chassis into a front-end system by installing our special Linux-based firmware.

This option is applicable to the DEWE3-M4 mainframe and all DEWE3-RMx rack-mount mainframe chassis.

Converted to front-ends, these chassis then connect to a separate host PC via LAN interface. OXYGEN software needs to run on the host PC to retrieve, process and store the measurement data from the front-ends.

The standard interface is a 1 GBit Ethernet one. Optionally, a 10 GBit Ethernet interface is available for the DEWE3-RMx systems.

