

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Dewetron PAD-TH8-P* at our website: ***Click HERE***

DEWE-2010 Series

16-Slot PC Instruments

Serious recording horsepower for serious applications, the DEWE-2010 puts it all together: 16 module slots on the rear panel (expandable to 64 modules – see the DEWE-2010-64 model), a 15" TFT display, an industry-standard A/D board inside, and powerful software to tie it all together. Run your favorite data analysis software on the same machine that you recorded it on – the DEWE-2010. And like all Dewetron Portable PC Instruments, it's a full-fledged computer.

Portable, Expandable
Our Flagship Model

The DEWE-2010 is our flagship instrument. It was, after all, the original PC-based data acquisition system based on COTS technology, featuring for the first time industrial grade PC components in a highly portable package.

And it's living proof of our claims about upgradeability. We're always taking in machines that we built years ago with Pentium I processors and 32 MB of RAM, and giving them new life with quick and relatively inexpensive upgrades. Don't even bother to try that with most instruments.

The rear side contains slots for 16 of our award-winning plug-in signal conditioners. Inside is a standard 200 kHz A/D board also upgradeable at the time of ordering to a faster model, or to a 16-bit version. For even more A/D board performance, check out the DSA series of products also in this brochure.



Any Signal, Any Sensor
With Plug-in Modules





DAQ and PAD series plug-in signal conditioning modules adapt your DEWE-2010 to just about any sensor, any signal. With a low-noise/ high-isolation design, differential inputs, multiple ranges, and convenient connector types. Most DAQ models feature half a dozen selectable input ranges and filters, and with convenient pushbutton and software control. The local buttons can be locked out via software command. (A complete listing of modules is shown on pages 22–23.) Dewetron modules are available for strain gages, accelerometers, all voltage levels, current, thermocouples, RTD's, LVDT's potentiometric and ohmic sensors, tachometers, and many more.



Power to Spare
You can upgrade to an AC/DC power supply made for in-vehicle applications, and run your DEWE-2010 from either AC or 10–32 VDC power. Includes a built-in UPS that keeps the system running for up to 5 minutes without any power at all, and automatically recharges whenever AC or DC power is restored.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



DEWE-2010 Applications. Railcar: braking and acceleration, new car acceptance. Automotive: Chassis, braking, ride-handling, engine analysis, test cell or track tests. Aircraft: turboprop bearing vibration, fuselage bend, hydraulic systems monitoring. Manufacturing: turbines, motors, and relay check, control-loop test, and more.

- MIL-STD Shock and Vibration
- High-resolution 15" TFT Display
- Continuous or Triggered Recording to 40+ GB Disk
- CD-ROM, HDD, FDD Standard
- USB, Ethernet, Serial, Parallel interfaces

Important Options:

- Touchscreen for the Display
- CD-WRITER / DVD / Both
- AC/DC/UPS Power Input
- Seat Mounting Kit

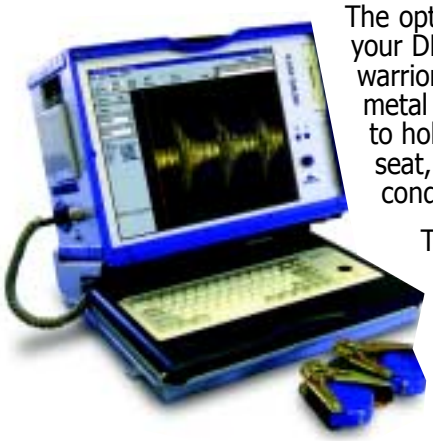
Left: DEWE-2010 front view. The keyboard folds up to protect the display when not in use. Unit may still be operated with the keyboard closed.

Below: DEWE-2010 rear side showing 16 module slots



Road Warrior

Built to Travel



The optional 2010-SEAT-KIT turns your DEWE-2010 into a real road warrior. It's built to last, with all-metal construction, and cinches to hold it fast to the vehicle seat, even under rapid steering conditions.

The AC/DC power supply (see facing page) is also important for in-vehicle applications. Adding a touchscreen to the DEWE-2010's brilliant display is yet another wise investment. When testing takes you to the road, bring the DEWE-2010 along with you. He feels right at home there!

Two Models

16 to 64 Dynamic Inputs

Models	DEWE-2010	DEWE-2010-64
Slots (Int/Ext)	16	16/48
Sample Rate (SR)	200 kHz	1.25 MHz
Optional SR	1.25 MHz	N/A

E-X-P-A-N-D-A-B-I-L-I-T-Y to 64 Modules!

DEWE-2010 (16 slots) plus
RACK-48-2010, or
3 x RACK-16-2010, or
RACK-32-2010 + RACK-16-2010





Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP