

Medical Battery Solutions



OVER 40 YEARS
OF SUPPORTING THE AUSTRALIAN
HEALTH & MEDICAL INDUSTRY

Mi
BATTERY ENGINEERING



Master Instruments is a wholly Australian owned specialist battery manufacturer, assembly and engineering company. With production capabilities in Sydney, Melbourne and Perth, we have been proudly providing battery solutions to the medical & healthcare industries for over 40 years.

ISO9001 quality assured and utilising the latest manufacturing technologies ensures fit for purpose solutions to meet or exceed original equipment specifications.

Medical Battery Solutions

Years of research and consultation with our healthcare & medical customers has culminated in a comprehensive catalogue of over 600 medical equipment specific replacement battery models.

Constructed in our Australian production facilities, MI batteries are assembled using premium grade components from the world's leading battery and component manufacturers to ensure drop-in replacement or refurbishments suitable for medical equipment from brands such as Welch Allyn, Omron, DeVilbiss, Draeger, Terumo, Laerdal, Heine, Philips and many more. And, as new medical equipment and device models appear, we can easily develop suitable solutions to meet your requirements.



Stringent quality control processes, backing up highly experienced battery production team members, means Master Instruments batteries provide reliable performance and extended service life in your applications.

The Master Instruments website provides a user-friendly battery selection guide to assist in product identification. With detailed cross references, specifications and quality images, the website is the first port of call for your product search. And if you register for access to our MI Link customer portal, you will also see current pricing and live stock levels.

For more information or to check out the range, visit:
www.master-instruments.com.au/category/health-medical-washroom-personal-care-safety/1336



We can take care of your consumables

Whilst our extensive range of specialised batteries for medical devices and equipment is our forte, Master Instruments can also cater for your operational consumables battery requirements as well.

From disposable AA/AAA cells for use in a myriad of applications around nurses stations & clinics, to replacement batteries for laptops, cordless phones & pagers, to IT system backup batteries to ensure no data is lost if the power fails, and even facility batteries in emergency & exit lights and automatic flushers used in lavatories, MI's extensive range is available to you.

We are Australia's leading battery specialists after all.



Battery Refurbishments

Whilst replacement battery packs are the preferred option, battery refurbishments (sometimes known as battery repacks) provide an alternative solution for when original batteries have moulded casings, proprietary connectors, or specific components unavailable to us.

Refurbishments are a process of assembling / installing a new battery pack into an existing enclosure, or utilising existing battery components to create a replacement solution for applications where a swap-out replacement is not available.

The MI team employ a stringent process to assess the internal and external components of any potential refurbishment to ensure they are in working order prior to any work commencing. Battery packs are constructed to the same high level of quality as replacement packs, reconstructed and QC tested upon completion.

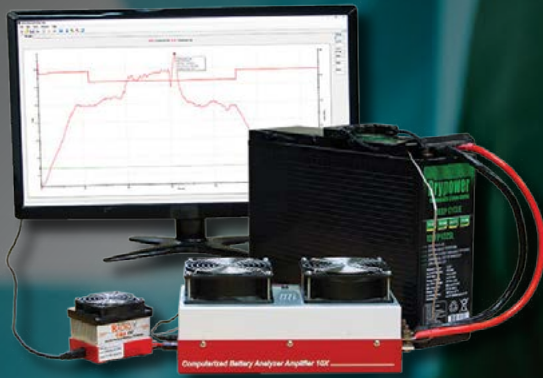
With recent investments into more advanced technologies, we can often manufacture replacement parts, improving the turnaround time and bringing costs down significantly. When a replacement solution isn't available, a MI battery refurbishment may be something to consider.

Speak to our battery specialists to find out more.





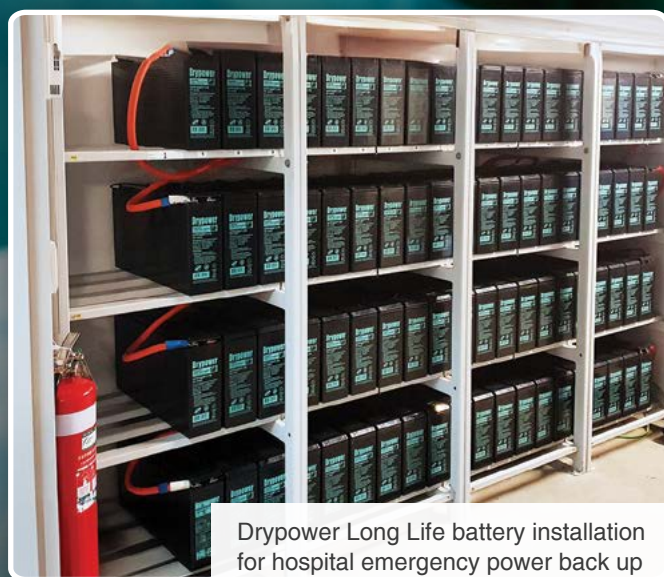
Battery Testing & Analysis: Healthy Batteries Mean Healthy Patients



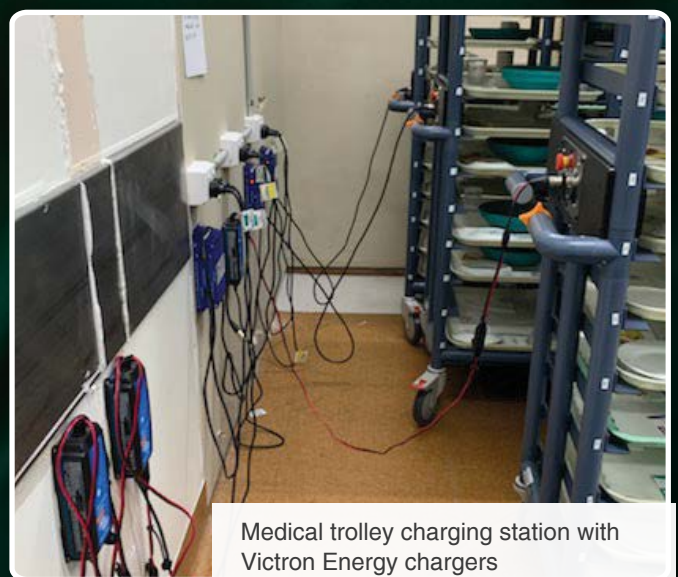
With equipment reliability and performance of paramount importance in a medical environment, ensuring the batteries within these devices are working optimally is something we can help with.

Master Instruments offers tailored solutions to maintain and monitor your battery fleets' performance, to optimise service life and reduce down-time caused by waning run-time or even premature failures.

From simple-to-use voltage and capacity testers, to wider scoped battery analysers used to simulate working parameters, we can recommend options from leading brands such as Cadex, Vencon and West Mountain Radio to find the best solution for your product, usage and budgetary requirements.



Drypower Long Life battery installation for hospital emergency power back up



Medical trolley charging station with Victron Energy chargers



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