

Digital Caliper Battery Replacements

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Consumables & Spares

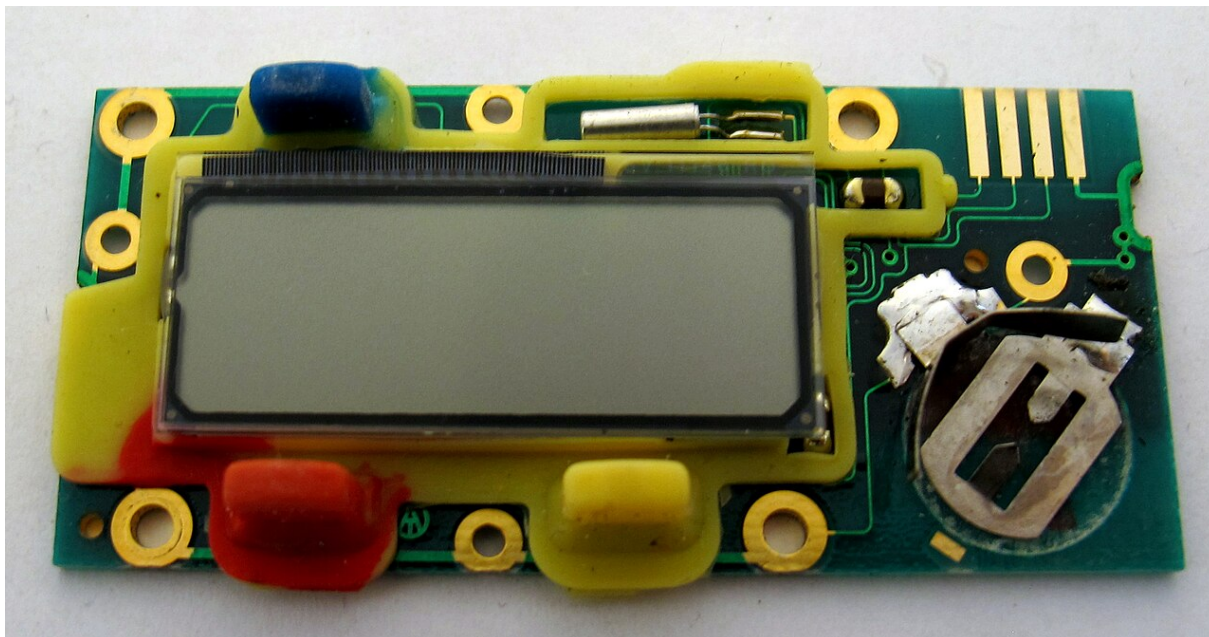


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Digital vernier calipers run on small button cells, most commonly LR44/SR44 or CR2032, which fade over time and cause dim displays or false readings. A stocked battery supply and simple replacement routine keep the class measuring tools working all year.

Key Features

- LR44, SR44, CR2032 cell types common
- Easy battery door access on quality calipers
- 20+ month life in normal use
- Low battery indicators on displays
- Spare batteries stored with the calipers

Typical Uses in the Workshop

- Replace drained caliper batteries
- Keep class sets functional all term
- Support measurement lessons without downtime
- Prevent measurements taken on dying displays

Safe Operation

1. Open the battery door with a small screwdriver
2. Remove the old cell noting polarity
3. Fit the new cell the correct way round
4. Close and check the display returns
5. Verify zero and a reference measurement

SAFETY NOTES

- Keep button cells away from young children - swallowing danger
- Do not short circuit the cells
- Dispose of used cells in battery recycling
- Store spares out of reach of small children
- Check the battery door is secure

Maintenance & Consumables

- Check displays at the start of lessons
- Keep a battery stock at the measuring area
- Store spare cells with the calipers
- Record which calipers need frequent changes
- Recycle spent cells properly

Specification & Buying Notes

Buy LR44/SR44 cells in bulk packs and CR2032 by the pack. Quality silver-oxide SR44 cells last longer than alkali LR44. Keep a small screwdriver with the battery cupboard.