

IC Test Hooks and Grabber Clips

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Electronics & Prototyping

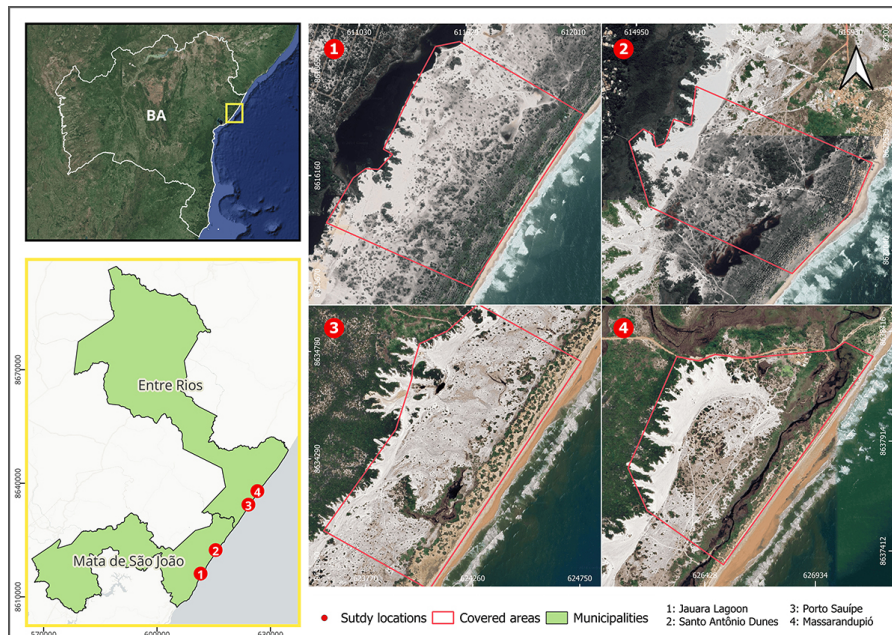


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IC test hooks are spring-loaded grabbers that clip onto individual IC pins and component leads without soldering, letting students trace signals and check logic states hands-free on dense boards.

Key Features

- Spring-loaded latching claws
- Fine pin contact points
- Insulated bodies and leads
- Needle and hook tip forms
- ESD-safe versions

Typical Uses in the Workshop

- Probe IC pins while the circuit runs
- Trace logic states and signals
- Connect meters and scopes to legs
- Attachment point for test leads

Safe Operation

1. Slide the hook over the pin
2. Release to latch on
3. Check the contact with a meter
4. Route the lead clear of motion
5. Remove by squeezing the release

SAFETY NOTES

- Do not probe live high-voltage points
- Keep hooks away from solder and flux
- Choose the right size for the pin pitch
- Protect from static
- Do not pry or lift pins

Maintenance & Consumables

- Clean the hook contacts
- Check the spring action
- Replace worn tips
- Store in a small box
- Keep spares for the kits

Specification & Buying Notes

A pack of insulated grabber hooks in a couple of sizes covers logic probing. Quality tips grip fine pins; cheap hooks slip off SMD legs.