



MICROCAL

CARRYING CASES AND ACCESSORIES

The MicroCal is a new innovation in the industry, and we quickly found that the standard industry carrying cases don't work for our new cylinder.



To solve this problem, we teamed up with B&W case company and had a special MicroCal package put together. The cases are solid and come with a lifetime replacement warranty. They're usually used for shipping military hardware and scientific instruments for scientists in the Antarctic. Our cases come in two varieties:

1. Instrument Companion - Has space for a single MicroCal, fixed flow regulator, charger, gas detector (many will fit, but not all, give us a call if you'd like to check on a specific monitor), and a zippered container in the lid for tubing, calibration sheets, cal adapters, etc.

2. MicroCal 9-Pack - Contains space for 9 MicroCal cylinders, snugly fit. Can be refit to hold 6 cylinders with space for a monitor and regulator, etc.

Cases come with a wrap-around envelope perfect for storing shipping documents, forms, etc without damaging your pretty yellow case.

FOR SERVICE CONTACT

www.accutroninstruments.com

☎ 705.682.0814

MICROCAL 9 PACK CASE

When you've designed the best calibration gas cylinder in the world, you need an equally impressive case to house your collection. That's why we worked with a local case provider to develop the MicroCal 9-Pack Case. A bright yellow color distinguishes your MicroCal inventory from the piles of black cases you keep your equipment in, while a 30 year warranty keeps you in the clear in the event of damage to the case.

30 YEAR WARRANTY

Our cases are warrantied for 30 years. That means if you break it, you already bought it, and we'll get it fixed or replace it for you. These cases are designed for military equipment and high value electronic prototypes, which means they're perfect for storing and shipping your MicroCal calibration gas.

RECONFIGURABLE SLOTS

We've all used the pull and pluck foam before, and it's awful. It gets grimy, pieces end up falling out over time, and it pulls away from the case, leaving that glue behind on the cheap plastic. Our case is different. The 9 slots are configurable through an ingenious velcro padding system. If you only want to have 6 slots of MicroCal with room for a gas detector, regulator, and/or calibration adapter you can have it. If you want to remove the slots entirely from the plastic, just pull them out. The entire padding system is removable in case you want to insert your own laser cut foam (or if you have a penchant for pull and pluck).

ZIPPERED LID COMPARTMENT

Storing calibration records, calibration adapters, and other assorted paperwork is often a task. They float around your truck into and out of compartments, collect grease and grime, and generally don't get the respect they deserve. The MicroCal case lid gives you a place to put these assorted widgets right with your calibration gas so you don't lose them!



STAINLESS STEEL HIGH PRESSURE REGULATOR FOR MICROCALS

Once you know what to look for in a regulator, you realize that most of them are garbage for reactivity. Did your gas detector salesman tell you that leaving your regulator screwed in is bad for reactive gases like Hydrogen Sulfide, Hydrogen Cyanide, or Sulfur Dioxide? Did they advise you to make sure you open the regulator valve before screwing it into the cylinder to avoid jamming moist room air inside?

My bet is that they didn't do any of these things. They threw a cheap nickel coated brass fixed flow in with your order package, racked up the bill, and sent you on your way. 6 months later, you're having stability problems, and they have no idea why.

MATERIALS

Materials matter, especially with problem children like Hydrogen Sulfide. That's why our regulators are made with Stainless Steel, just like our cylinders. We want to make sure that we've taken every step possible to ensure your reactive components aren't being absorbed by cheap metals in the regulator body. Yes, it's a bit more expensive, but it's a heck of a lot cheaper than your gas not calibrating your monitor when it's crunch time.

PRESSURE GAUGE

You'll notice our gauge is a bit different than most C10 regulators you see out there. It goes up to 1800PSI as opposed to the 500PSI you'll see on other regulators. This is because it was chosen specifically to work with the MicroCal, which we fill to 1800PSI. Using a 500PSI regulator on a MicroCal won't break the regulator, but it very well might break your gauge (no it won't look like a scene in a movie, it'll just distort the reading the gauge gives over time) by putting more pressure on it than it can take.

VALVE

Our smooth turning regulator valve means you don't need to over crank the knob to seal the valve. Our valve takes three full 360 degree turns to seal, gradually closing the orifice, resulting in less possibility of damage to the seating mechanism. We spent time and effort selecting the best C10 regulator so you can focus on getting the job done, rather than sorting through reviews of regulators.



REFILL PROGRAM

We're all about saving the environment nowadays, so lets talk about refills. Refilling your calibration gas cylinder helps save you money and save us raw materials. Our cylinders are made in America, out of stainless steel meant to last. We don't want them filling up landfills. We know getting cylinders tested and picking them up and dropping them off is a pain, but the MicroCal solves all of that! We take care of all of the testing requirements on our end so you don't have to. UPS or Fedex will take care of carting them back and forth with standard ground shipping, and you don't have to worry about them anymore. So here are the steps:

1. Go to our website and click on "MicroCal Refill"
2. Fill out the form, save it if you'd like, and print a copy out.
3. Put the form in a box with the MicroCal. Try and pack the box tight and secure please.
4. Place the DOT LQE sticker on your box somewhere easily visible.
5. Write your two highest concentrations on the box like this: (Nitrogen, Oxygen) or for a single component H₂S mix (Nitrogen, Hydrogen Sulfide). Remember to include the parenthesis and spell everything correctly. If you have any questions on this step, please give us a call!
6. Ship the package back to us. If you would like us to print a shipping return label up and send it your way along with the form and an additional sticker, please give us a call!
You're done! If you wanted to return the cylinder to us for good, we will send a check to your company 30 days after receiving the cylinder. If you'd like a refill, we'll either charge the card you specify or bill a PO# you request if your company has credit with us.

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