

While doing my unit for the Wisconsin Electrathon KEEP course I had thought of including an electric motor lab and collaborating with my coworker to set up a circuit board as well.

Abby

IASCO has the electric motor kit. They are about 4 dollars apiece. They are a fair kit, they can be a little troublesome to get working, but they come with good directions.

In my power and small engines course we also use the small electric motor kit from IASCO. After the students get the motor running, we install a small timing disc on the shaft and use a strobe light to determine RPMs. For many students, this is their first experience in calculating RPMs and comparing it to voltage etc... Good Luck!

I have found some good deals on miscellaneous electronics items at a website called www.allelectroncis.com they have some new and used motors for sale at reasonable prices and they even have some small motor controller circuit board kits that I've been wanting to try.

arekowski