

LD-2:

The LD-2 is a unique design. We literally took all the short comings of the popular pneumatic dyno and fixed them. We did this by adding an accumulator tank connected directly to the regulator. This eliminated any supply pressure issues instantly! Now the regulator has it own supply pressure on demand. It makes it almost impossible not to be able to run the dyno anywhere you want. No more issues of getting large enough airlines to the dyno. It no longer cares!

We then added a small high flow filter /dryer to the tank. This way our customers don't have to worry about regulator contamination. At which time you would have to tear the regulator apart and clean it in the middle of a test.

At the top of the accumulator tank we added an inlet pressure gauge to monitor supply pressure. No more guessing if the shop air is sufficient. Just look at the gauge. Is shop or trailer supply pressure air above 100 psi?? Now you instantly know.

And we didn't stop yet! Most of our customers like to use a laptop computer. Most small laptops have the numerical key pad above the letters in a left to right fashion. So, we added an USB driven numerical key pad for ease of data entry. Making the data entry fast, easy, and convenient!

Note: We are currently developing an interface so there will be no data entry. The interface will automatically read and write the data from the dyno to the computer.

The LD-1 is very similar to other pneumatic dyno's on the market that are priced from \$1600 to \$2000 and more. The exception is that ours has been designed with solid-state timing systems to eliminate the mechanical timing systems other suppliers use. This makes our dyno more consistent with no readjustments of the popular timing box that becomes inconsistent do to the mechanical parts. Mechanical parts on these style dyno's are hard to keep working do to vibration. They tend to miss readings at times. At which time you try to readjust the timing box to get working readings again. This all seems to happen when you are in a hurry!

Again, with our state of the art timing system, consistency of the dyno is no longer the issue. You are just concerned with the properties of the shock you are testing.

We keep our dyno's at the most economical price by keeping our overhead low! We pride ourselves at having the best pneumatic dyno's at the most competitive price on the market. Shop around and see.

We also have software that is user friendly and gives the common f(V) curve that everyone uses. This will give you forces from 0 to 10" of velocity depending on the total shock forces. Note: Our 2" cylinder model will generate about 300 lbs max force uncorrected. We send all our dyno's out calibrated, so max force is usually around 250 lbs corrected.

We do custom dyno's with more available force if needed.

More questions?

Just give me a call at 570-660-0139 or email me at: leon@shocksetup.com

Regards, Leon Peasley