

Why Lectron?

Lectron has been manufacturing high performance fuel systems in the United States since 1974. Known for making strong, consistent power, Lectron has dominated sports like two stroke motocross, enduro, and drag racing. We aren't in business to be second best, and have pre-tuned kits that are ready to install ride with minimal adjusting.

What do you get?

Simplicity: Lectrons have no jets and the least parts of any carburetor. They compensate automatically for a wide range of elevation and temperature changes which means less time fixing and tuning, and more time riding. We want you to forget you have a carburetor. The video above covers the basics of our metering rod carburetor technology.



Adjustability: Lectrons are the only metering rod fuel systems with two circuits. This means there are no harsh transitions compared to a jetted carburetor, while still having two independently adjustable circuits for bottom end and top end. This allows you to run leaner metering rods for crisp response off idle, while still making massive peak HP numbers. Have the bottom end perfect, but need more overrev to rip that holeshot? Going to ride a deep sand track and want to keep your top end cool? Simply adjust the external power jet screw.



Better Fuel Atomization: The fuel coming off the metering rod is in much finer particles than fuel coming out of a jet. This creates a much more efficient and even burn which helps make more power, use less fuel, decrease emissions, and help prevent fouling spark plugs.



The Best Throttle Response: The smooth, tapered bore design creates the fastest air speeds of any carburetor. Unlike a choked down keyhole design, our products are designed to flow the most air at the highest velocity. Lectrons are also the only carburetor with the fuel pickup tube always under vacuum (on the engine side of the slide). That means it is always full of fuel and adjusting float height for throttle response is a thing of the past.