

## KEPPE MOTOR – HIGH EFFICIENCY UNIVERSAL AC/DC MOTOR



System for the study of a new motor technology based on Prof. Keppe's essential energy principles, set forth in his book "The New Physics Derived From A Disinverted Metaphysics". The system allows performing tests on power and efficiency, compared to traditional motors.

### ***The theory***

Prof. Keppe, in opposition to the current physics teaching that energy derives from the matter, states that the matter is a byproduct of the "essential universe energy". A natural transducer of such energy into one of secondary forms is magnetism. Therefore, magnetic dipoles can be regarded as tiny vortexes from which the "essential energy" flows in a double spiral motion and transforms itself into bipolar magnetic forces of attraction and repulsion. As a natural consequence of such physics laws, matter is formed/agglutinated in space and time according to this bipolar resonant simple patterns.

### ***The motor's principle***

This new principle has given origin to the Keppe Motor, a resonant magnetic motor driven by pulsed DC. The Keppe Motor includes one or more permanent magnetic rotor discs to capture magnetism from the environment and cone-like coreless coils that simulate in large scale the tiny natural vortexes of the magnetic dipoles.

# Energy Efficiency

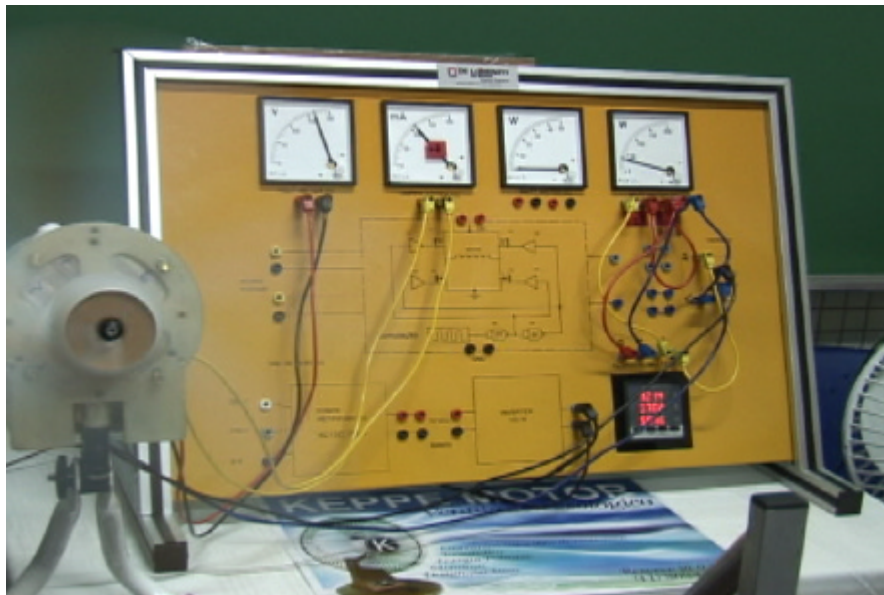
Therefore, the Keppe Motor has a switching system that naturally responds to the input power supply until resonance is achieved. A natural consequence of the state of resonance between the magnetic forces of the rotor and the stator coils is that the efficiency of the motor is maximized.

## ***The educational system***

The DL 2130B has been designed for studying the efficiency of the Keppe motor when used to drive a conventional AC fan.

The system is composed of:

- A fan with a 127 Vac Keppe Motor (D=85 mm); maximum working speed of 1300 rpm loaded by a 50 cm - diameter blade, consuming 40 W.
- A fan with a 127 Vac conventional ac single-phase motor with the same blade of 50 cm in diameter, consuming 140W at the maximum working speed of 1300 rpm.
- A panel with a 400 W, 12 Vdc/115 Vac inverter, several analog meters, digital ac power meter and Keppe motor driver.
- A transformer for a 12V battery
- A 8W output Keppe Motor
- A speed meter



## ***Purpose of the system***

To study alternatives for energy efficiency by comparing a conventional motor against the new technology based on the Keppe Motor working principle. Its design and construction allows measuring the consumptions and comparing them with an equivalent fan driven by a conventional motor, both set at the same mechanical output power. Besides this, the system allows understanding the working principles of MOSFET bridge commutations and measurement of inverter efficiency.