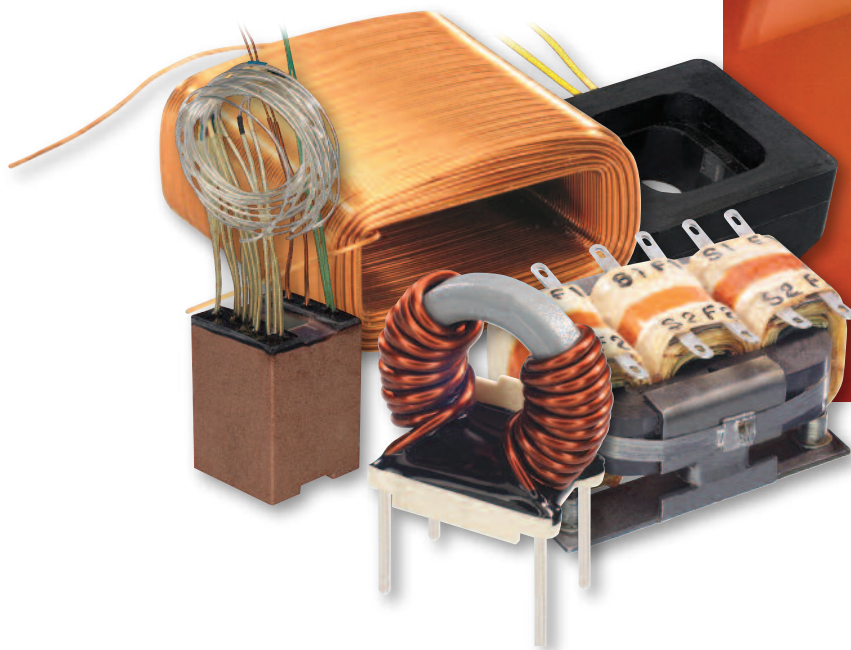


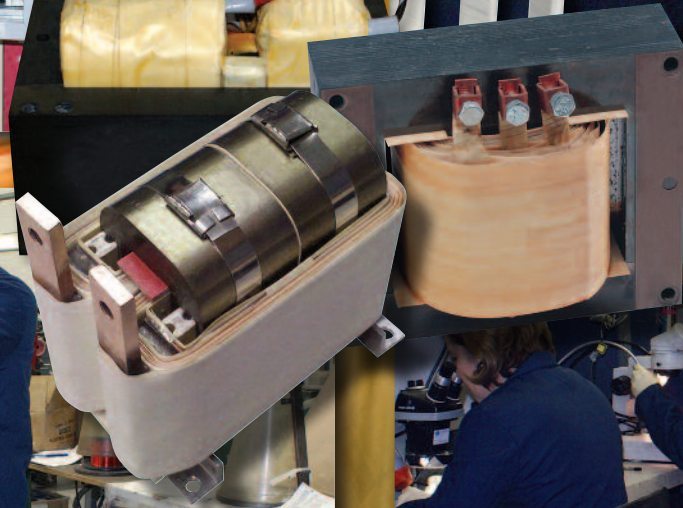
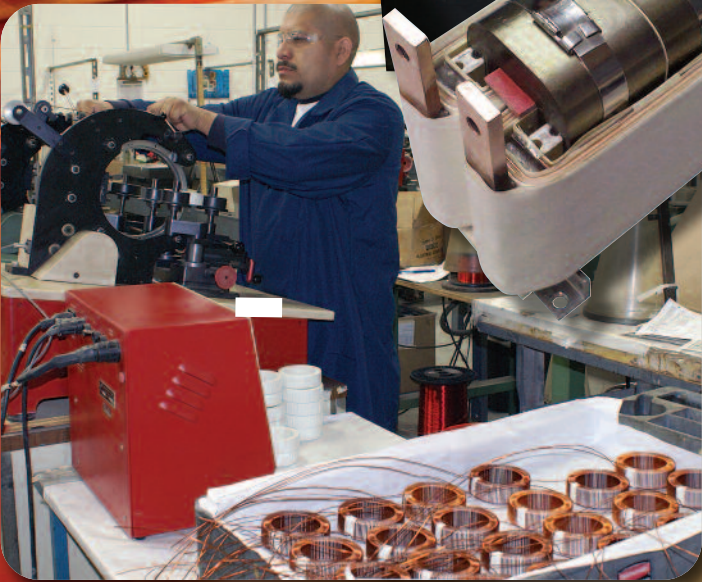
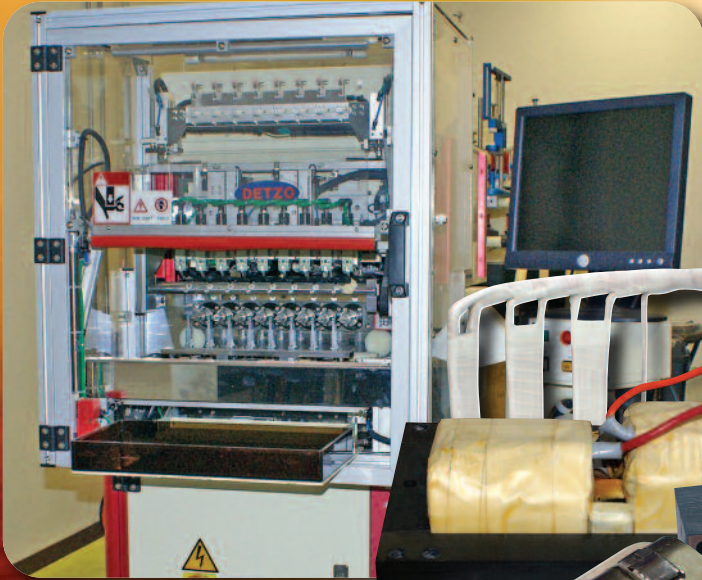
Heavy-Duty High-Reliability Magnetics

Excellence Through Innovation

Military
Aerospace
Industrial Controls
Instrumentation
Electric Power Generation
Power Supplies
Audio Systems
Telecom Equipment
Transportation



TPL INNOVATIVE
POWER, INC.



Performance, Quality, Service, and Value

Innovative Power, Inc. (IPI), is a member of the Datronix, Ltd, family of companies, which also includes Datatronic Distribution, Inc. (DDI), and Datatronics Romoland, Inc. (DRI). IPI, DRI and DDI are all located in Southern California in modern industrial facilities with staffs of highly trained electronics engineers, application specialists and technicians.

The Datronix family of companies and its brands provide global leadership in the development of innovative magnetics technologies and products. IPI, DRI and DDI support their customers with world class magnetic component manufacturing, total quality management, responsive service and superior value.

Product Lines IPI and its predecessor company Cal Coil Magnetics have been in operation since 1954. IPI specializes in heavy-duty, high-reliability standard and custom magnetic components for applications in many diverse industries. The company's product lines include:

- High Voltage Coils
- Self-Supporting Coils
- Toroidal Transformers
- Three-Phase Transformers
- 60Hz Step-Down Transformers
- 400Hz Transformers
- Ferro Resonant
- Vibratory Magnets
- LVDT Transformers
- Fluid Sensing Coils
- Power Line Filters
- Power Inductors
- Audio Transformers
- Isolation Transformers
- Distribution Transformers
- Switching Transformers
- Flyback Transformers
- Current Sense Transformers
- Solenoids
- Pick Up Coils
- Auto Transformers

Engineering IPI specializes in providing quick-turn around engineering and production services on complex wound magnetic devices. The design and applications engineering team at IPI brings decades of design experience, speeding customers from the initial design to prototype to testing to full production of finished components in volume.


From heavy-duty power transformers for large turbines producing electric power to miniature transformers for commercial audio systems, there is an advanced magnetic components solution available from IPI. The company is also well-known for our expertise in rugged electronics operating environments and mission-critical applications.

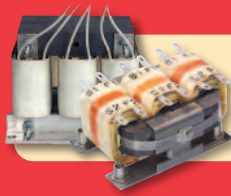
Manufacturing IPI manufactures some of the world's largest magnetic component coils for high voltage applications. For these products, IPI has designed its own custom coil winding equipment and developed its own unique processes to provide components of the highest quality.

Perfect Layer Coil Winding equipment provides the ultimate in magnetic coil winding precision for superior performance. Advantages include: max turns per layer, highest power for any given cross-sectional area, lowest DCR, max inductance, lowest leakage inductance, and consistent voltage potential layer-to-layer and winding-to-winding.

Many of these high voltage coils are encapsulated by IPI's specialized vacuum pressure impregnation equipment, which provides complete insulation to humidity. Corona effect is minimized through the elimination of voids inside the encapsulation.

Industry Standards & Certifications IPI, DDI and DRI are qualified and/or certified to some of the electronics industry's most demanding performance, safety and quality standards:

- ISO 9001:2015
- MIL-STD-981
- MIL-PRF-27
- MIL-PRF 21038
- NASA Space
- J-STD-001
- UL E332078
- UL Insulation Systems to 200°C
- CE
-  Systems 130-240°C



Three-Phase Transformers

- 0.1 - 50KVA, .1mV to 50KV
- Military, Commercial Telecom



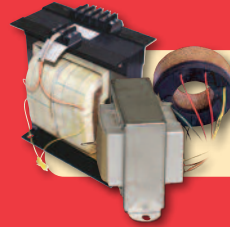
High Voltage

- 400V-50KV, Vacuum/Pressure Impregnated, 0.25 micron/100 PSI
- Space, Satellite, Telecom



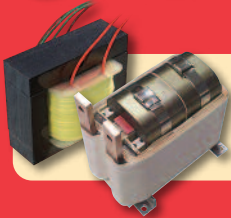
50/60Hz Step/Control Transformers

- 120 - 575V, Any Secondary Voltage
- Industrial



High Voltage Control Transformers

- 1.5KV - 5KV Transmitter Transformer
- TV, Commercial, Industrial



400Hz Transformers/Inductors Resonators

- 24 - 500V Systems | Aircraft, Industrial



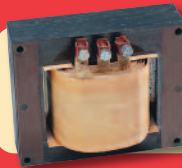
Toroidal

- 1 - 10k turns, 0.25" - 10" Diameter, Power Supply
- Commercial, Aerospace, Industrial



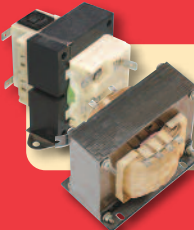
Ferro Resonant

- 5VA - 5KVA
- Ballast, Lighting, Welding



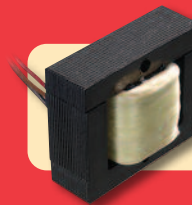
Auto-Transformer

- Line Conditioning, Phase Control, Buck, Boost
- Industrial



Distribution Transformers

- 12 - 220V 50/60Hz, Multi Tap Secondary, MG5169acr2
- Industrial, Commercial



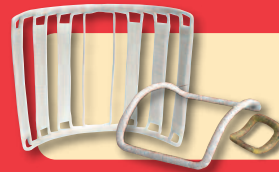
Power Inductors/Filters

- 0.1 - 500A, Amorphous, Ferrite, E-core
- Industrial, Commercial



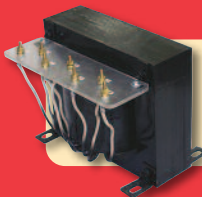
Switching Transformers

- 10 - 100kHz, Flybacks
- Industrial, Aerospace



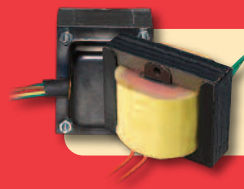
Fluid Sensing Coils

- Liquid Flow Meters, Pickup Sensing
- Industrial, Commercial



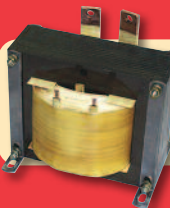
High Power Step-Down Transformers

- 120-208-220-460-575V, Single/Three Phase, Delta, Star, Y
- Heavy Industrial



Audio Transformers

- Main, Filament, 1800V, 2400V, 3600V, 2KW - 10KW
- Entertainment



60Hz High Current Heater Transformers

- 0.5V 500A Heating Element
- Commercial, Industrial



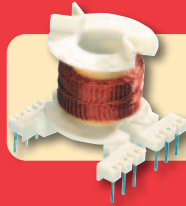
Current Sense

- E Laminate or Toroidal, 1/4" - 3", 1A - 10KA
- Heavy Industrial, Commercial



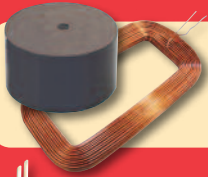
Self-Supporting Pickup Coils

- E-beam
- Microscopes, Guitar Pickups, Scientific, Telecom



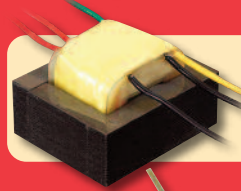
Flyback Transformers

- 1mA - 1A, Low Voltage
- Industrial, Aerospace



MagLev Coils

- Vehicle Propulsion/Levitation
- High Speed Rail



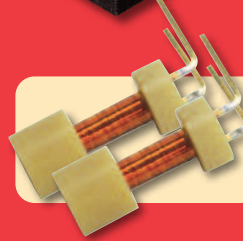
Isolation Transformers

- 1VA - 3KVA
- Industrial



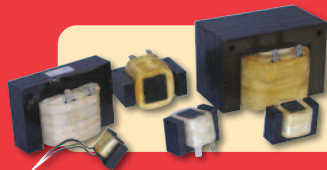
Solenoids

- 24V - 600V, 60 - 400Hz
- Automotive, EVehicles



LVDT Coils

- Position Sensing, Ultra High Resolution
- Aerospace, Industrial



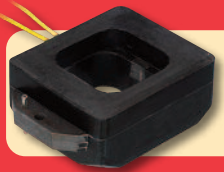
Vibrator Magnets

- 24V - 575Vac
- Feeder Bowls, Automotive, Industrial



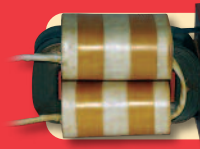
Common Mode Chokes

- 0.1mA - 1,000A
- Industrial, Military, EVehicles, Commercial



Aerospace Speed Sensor

- 12V @ 5,000RPM
- Aerospace, Industrial



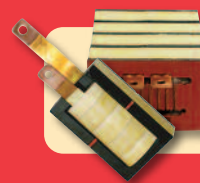
DC to DC High Power Transformers

- 2400VA, 50/60HZ
- Industrial, Military, Aerospace



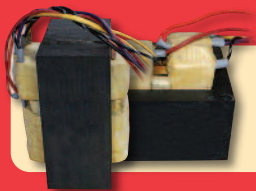
Medical Application Coils

- Odd Sizes, Perfect Wound Coils
- Medical, Industrial



High Freq. Battery Charger Transformers

- 1 - 370A, 10 - 90Khz
- Industrial



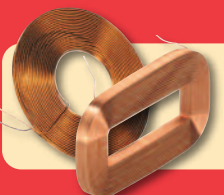
Lighting Ballast

- 50VA - 2500VA, 120V - 575V
- Industrial, Aerospace, Commercial



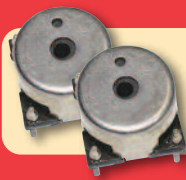
Balun, Couplers, Splitters

- 70db - 200db, 40Khz - 800Mhz
- Antennas, Military, Telecom



Implantable Coils

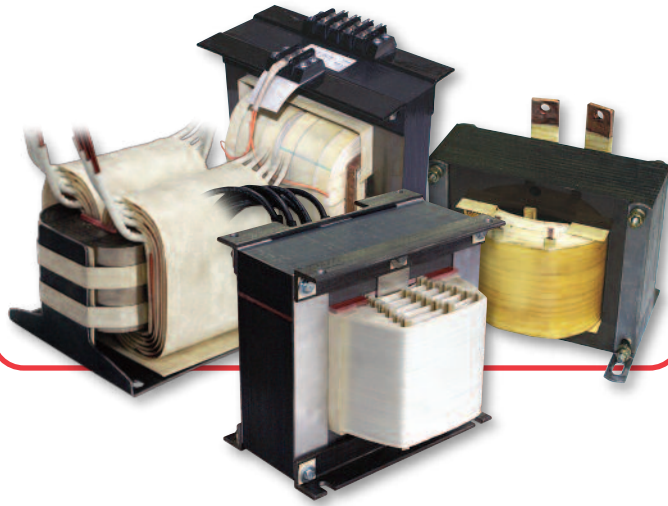
- Low Voltage, Low Current, High Frequency
- Nerve Repair, Medical



Shielded Inductors/Transformers

- 1/4-1", 10Khz - 100kHz
- Industrial, Aerospace, Space

**Heavy-duty, high-reliability
standard and custom
magnetic components**



web www.datatronics.com

email sales@datatronics.com

telephone 951.928.7700

fax 951.928.7701

mail 28151 Highway 74
Menifee , California 92585