

**Device Name:** Electrand

**Description:** NFC Enabled ECM Motor Configuration Accessory

**Purpose:** Providing handheld wireless programming of motor operating parameters.

**Included Components:** (1) Electrand Wand & (1) 1m Micro USB charging Cable

**Software Required:** Regal NextGen Programmer (v0.3.6 or later)

(Available at: <https://www.genteqmotors.com/Products/OEM/Electrand/>)

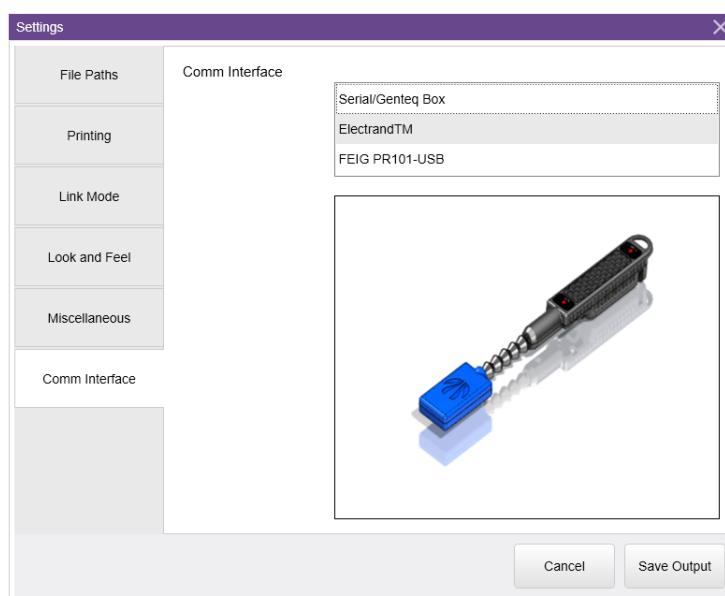
**Note:** Unit does not ship fully charged. Recommend charging for a least two hours before first use. For the latest troubleshooting guide as well as the latest operating instructions and videos please visit:

<https://www.genteqmotors.com/Products/OEM/Electrand/>

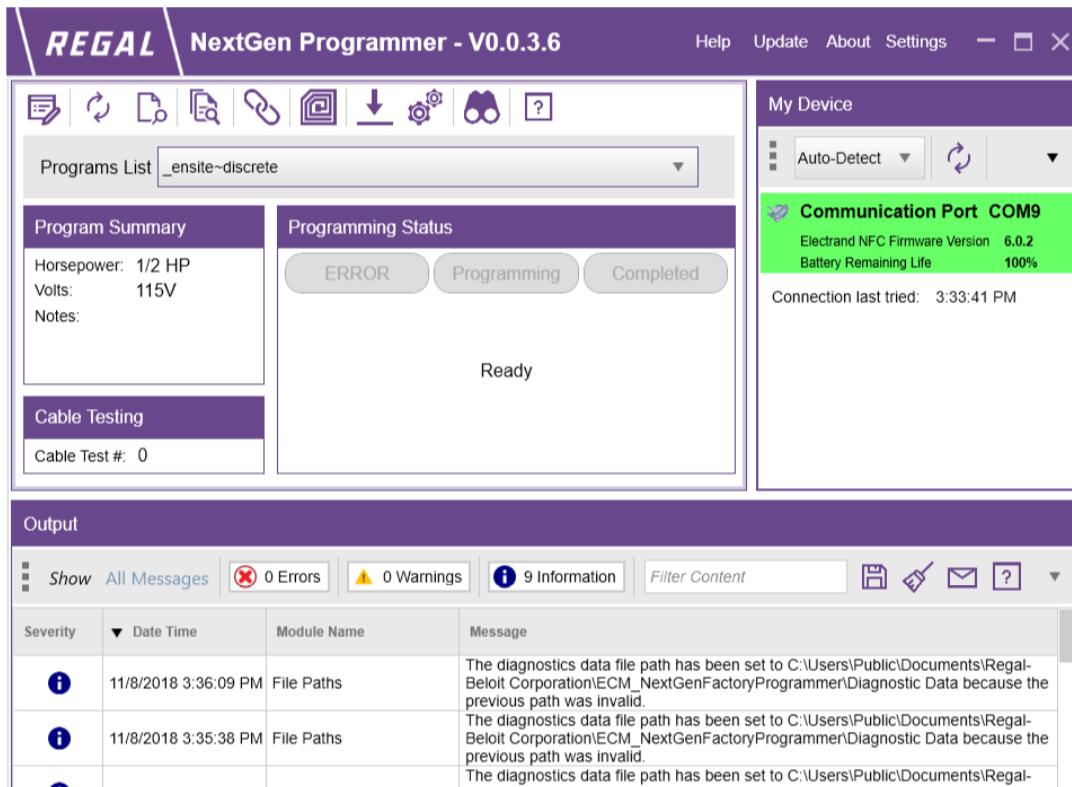
## **Operating Procedure (Regal NextGen Programmer)**

### ***Tethered Programming operation***

1. Connect “Electrand” device with supported host device via USB cable or Bluetooth connectivity.
  - a. For Bluetooth Operation device is automatically available in a device list within operating software. Individual pairing is not required.
2. Select “Electrand” within COMM interface tab within settings window.



3. Select “Program” from Programs list.



4. Hold Electrand programming wand near NFC antenna of desired motor.



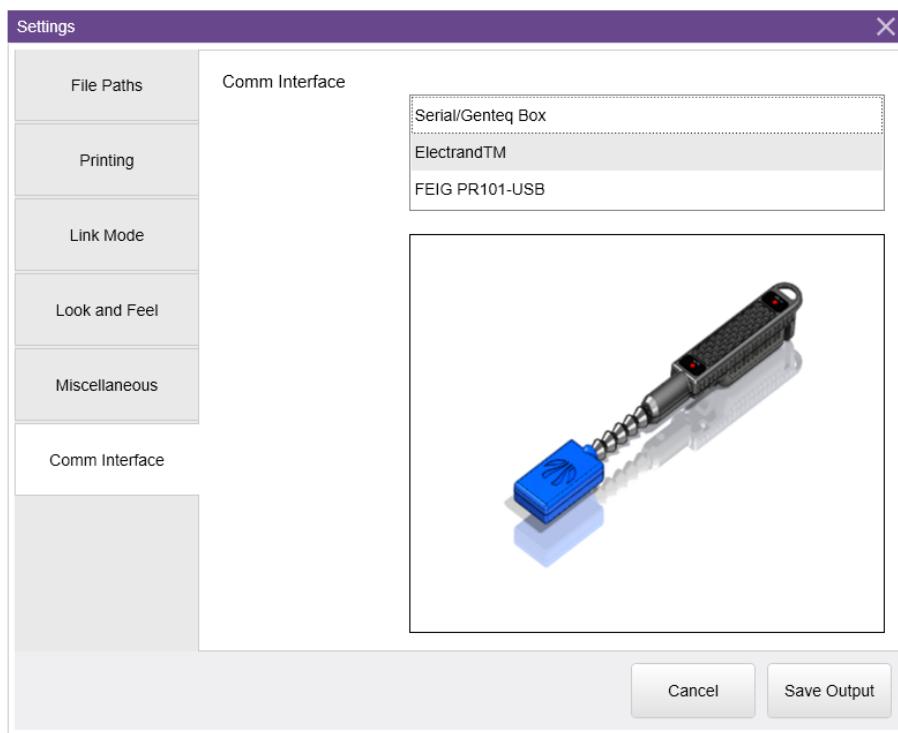
5. Click “Write selected program to motor” icon.

- Scan light will blink “Blue” until within range of Antenna
- Scan light will remain “Solid Green” until programming is complete and pulsating tone will mark completion.
- Device will beep “3 Times” if scan is unsuccessful.

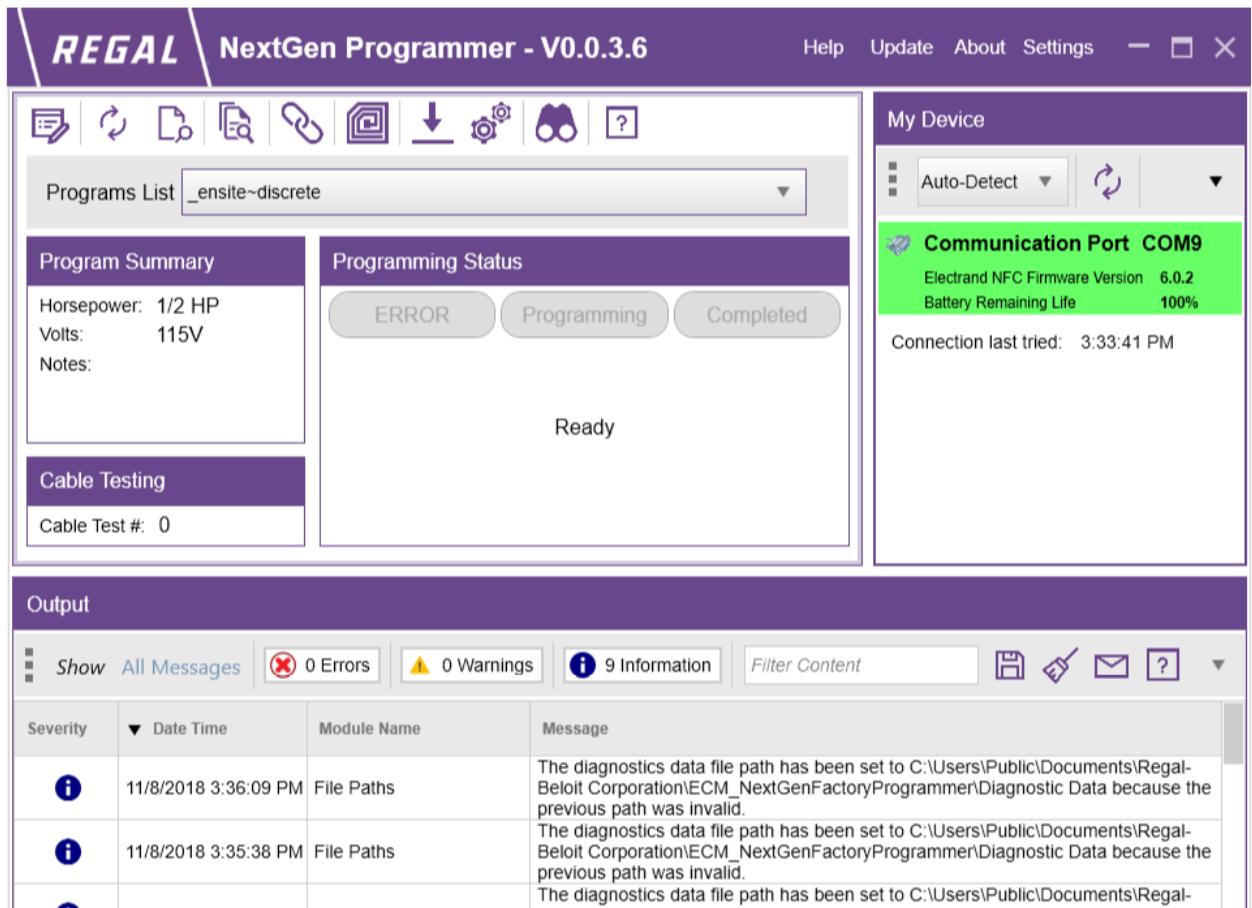
## Operating Procedure (Regal NextGen Programmer)

### *Wireless Programming operation*

1. Connect “Electrand” device with supported host device via USB cable or Bluetooth connectivity.
  - a. For Bluetooth Operation device is automatically available in a device list within operating software. Individual pairing is not required.
2. Select “Electrand” within COMM interface tab within settings window.



3. Select “Program” from Programs list.



4. Click “Load Program to Electrand” Icon 

- Pulsating Beep will signify successful loading of program

5. USB cable can now be disconnected from host device.

6. Hold Trigger on Electrand and place Programming wand near NFC antenna of desired Motor

- Scan light will blink “Blue” until within range of Antenna
- Scan light will blink “White” until programming is complete and pulsating tone will mark completion with a solid “Green” Scan Light
- Device will beep “3 Times” if scan is unsuccessful along with a solid “Red” Scan Light

7. To acknowledge and refresh device after a failed write it is required to hold the trigger for approximately 3 seconds to before a second attempt is made. This will reset the “Red” scan button light and prepare the device for the next attempt.

*Note: Future versions of Genteq NextGen Programmer will allow for 2-way Bluetooth communication between Electrand and Host App.*

## **Warnings:**

### **FCC Statement:**

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **RF Exposure warning**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC rules standard. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

Referring to the multi-transmitter policy, multiple-transmitter(s) and module(s) can be operated simultaneously without C2PC.

### **IC Statement:**

#### **CAN ICES-3 (B)/NMB-3(B)**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et

**(2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.**

**Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.**