



DRACON-ELTRON

# Mechatronics Solutions

## Our Knowledge for you

**Portescap™**  
A Danaher Motion Company



Low inertia stepper motors

### Ironless Core DC motors

- Rated continuous torque 0,46mNm to 115mNm
- Range from 8mm to 35mm
- Speeds up to 12.000 rpm
- High acceleration, short mechanical time constant

### Brushless Micromotors

- Max. continuous torque 1,2mNm to 25,8mNm
- Speeds up to 76.000 rpm
- High MTBF 30k Hrs at 10k rpm

### Disc Magnet Steppers

- Holding torque from 1,8mNm to 1,06mNm
- High power/volume ratio
- High angular resolution in microstep
- Very high acceleration to 265.000 rad/s<sup>2</sup>
- Low iron loss allow high speed to 10.000 rpm



Planetary & Spur Gear Boxes



Low inertia DC motors / Brushless DC motors

Beside mechatronics solutions **Dracon-Eltron** offers 8 technology groups with product lines and services which make production and your product more reliable and more efficient. We offer you within these core areas an optimum of service.

- **Connection:** cable- en PCB connectors, cable assembly and hotmelt overmoulding.
- **Mechatronics:** servo-motors and servosystems, micromotors, transmissions, power supplies and special connectors.
- **Printing/Identification/Power:** POS, kiosk and thermal printer mechanisms, lcd, card readers, power supplies, PTC heaters and specials.
- **Soldering and cleaning:** usage material; solder material, cleaning towels and swaps, brushes and protection materials. PCB-services for cleaning and coating.
- **Plastics:** connection products, enclosures, cables, cable guides, shrink sleeves, PCB spacers.
- **Machines:** Machines for cable processing industry such as stripping, cutting, winding and overmoulding machines. PCB-production and rework such as cut and bending machines, soldering station, equipment for dispense and rework.
- **EMC/EMI:** We help to minimize the impact of electromagnetic interference. Depending on the application and the possibilities we thereby apply technique as filtering, grounding, shielding and absorption. One after the other sophisticated techniques which ask for an in-depth recommendation.
- **Tools and workstation:** We gladly advice you the correct tool and the optimum workshop institution for your production and application.

## Our knowledge for you

### Dracon-Eltron

- P.O. Box 5002 NL - 5004 EA Tilburg  
Herastraat 51 NL - 5047 TX Tilburg (Locatienummer 1497)  
T +31 (0) 13 578 0800 F +31 (0) 13 578 0950  
info@dracon-eltron.com www.dracon-eltron.com

[www.dracon-eltron.com](http://www.dracon-eltron.com)

