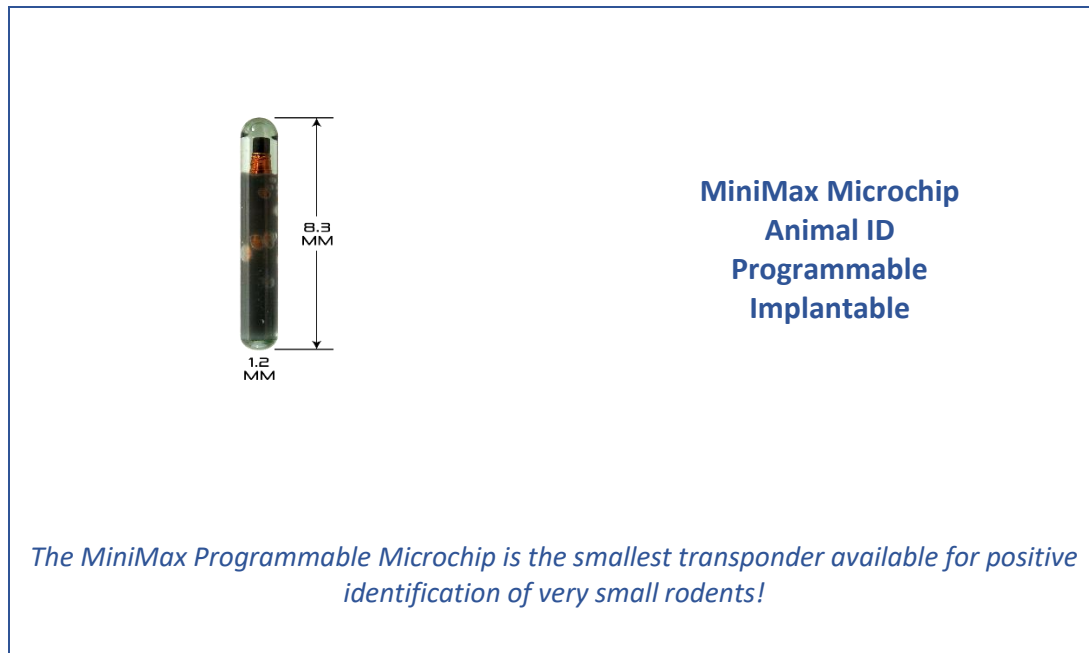


UID Specifications Sheet: MiniMax Programmable Microchip (UC-1283)



The UID Mouse Programmable Microchip (UC-1485) is a miniature, glass-encapsulated programmable transponder that provides positive animal identification with a simple scan.

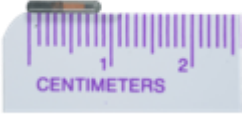


The UC-1283 MiniMax Programmable Microchip contains a unique 8-digit, non-repeating, alphanumeric code for positive animal identification. This passive, battery-free microchip comes with an additional 16 characters of onboard memory that enables read/write programmable capabilities. A feature that allows researchers to program the microchip with useful “human readable” data, such as study or project number, genotype or animal DOB. Microchip programming can be done in cannula prior to implantation using the UPS-60 Chip Provisioning Station, or after insertion in the animal using the UID reader base station.

With dimensions of 1.2mm in diameter by 8.3mm in length, the UC-1283 MiniMax Microchips is ideal for use in very small mice - as young as 10-day old neonates. Each microchip is individually packaged in a sterile, disposable cannula, guaranteeing a swift, hassle-free, and safe insertion process. Additionally, the MiniMax is also available in sterile disposable injectors for your added convenience.

Following a simple scan with an appropriate UID reader, the UC-1283 MiniMax Programmable Microchip sends its 8-digit ID code and programmed data automatically to the reader screen or computer program (i.e, Microsoft Excel, LIMS). Microchip read distances ranging from 3-7 cm are feasible depending on the selected UID reader.

Technical Specifications

- **Application:** Animal identification
- **Species:** Small mice (including 10-day old neonate mice)
- **Size:** 1.2mm x 8.3mm
- **Implantable:** IP, SQ in small mice (as young as PND 10)
- **Unique ID:** 100% unique 8-digit, non-repeating, alphanumeric RFID code. This code is permanent; it cannot be changed or deleted.
- **Programmable:** 1-16 alphanumeric characters for programming (read/write) with customized study information. Can be programmed in the cannula prior to implantation or in the animal. Once programmed it can only be removed or changed via UID Programming software.
- **Availability:** Provided individually packaged in ETO sterile blister pack, or disposable injector.
- **Availability:** Provided in sharp, triple ground cannula (17G; 1.45mm O.D.) for easy insertion
- **Compatible Readers:** All UID readers (UDT-100L, URH-1HP, URH-300HP, UBS-200, UBC-600)
- **Compatible Injectors:** All UID injectors (Pistol Grip Injector, Stainless Steel Injector, Syringe Injector)
- **Biocompatible:** Glass encapsulated (Shoult 8625 Biocompatible Glass)
- **MRI Compatible:** Tested at 12T with no heating, movement, or loss of permanent or programmed data
- **X-Ray Compatible:** Yes
- **Ultrasound Compatible:** Yes

 <p><i>UID MiniMax Microchip (UC-1283)</i></p>	 <p><i>Sterile, hypodermic needle (17G; 1.45mm O.D.)</i></p>	 <p><i>Also available in sterile, disposable injector (17G; 1.45mm O.D.)</i></p>
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