

Needle Cartridge Systems

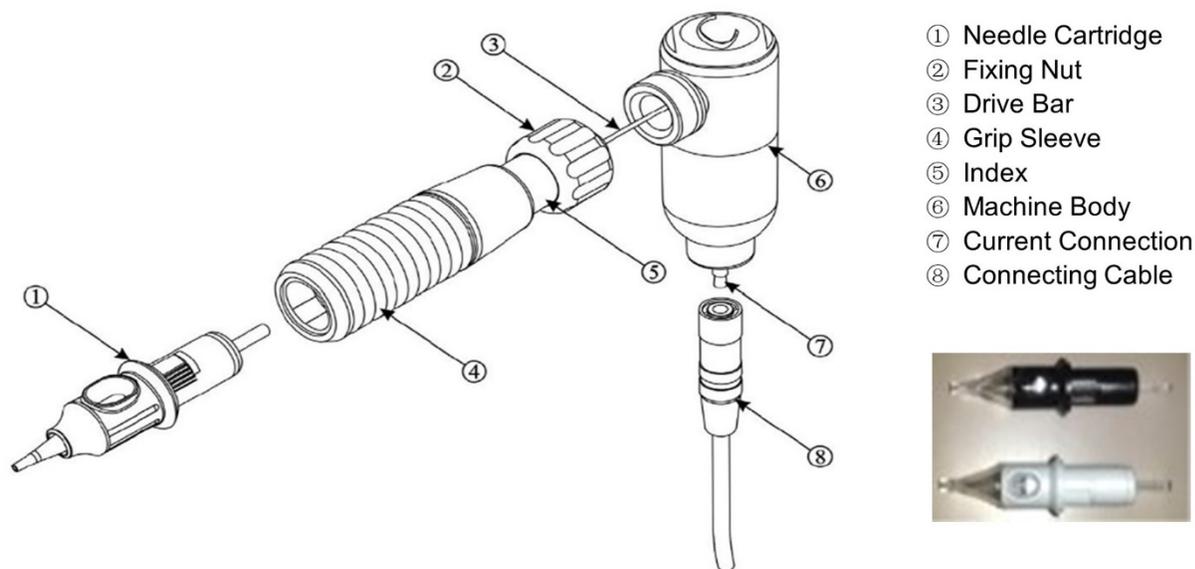
What is a needle cartridge system?

Needle cartridge systems are a type of device that has a needle or configuration of needles contained within a cartridge that attaches to the machine body. This device provides services such as tattooing, micropigmentation, microneedling, and other invasive treatments. This system is considered a safer alternative because the needle is contained inside a cartridge, reducing the risk of needlestick injuries.

The needle cartridges must be purchased pre-packaged, sterile, single-use, and disposable. **The manufacturing company must state that the needle cartridge system has a backflow preventor, also known as a safety membrane or barrier, to prevent cross-contamination to be approved for use.** Cartridges without a backflow preventor may allow the contamination of blood, ink, or other fluids into the grip, drive bar, machine body, etc. This contamination may be a source of the spread of blood-borne infections. For this reason, the grip sleeve and drive bar must be sterile prior to use if manufacturer's instructions do not indicate that the cartridge has a backflow preventor.

Consult with your Public Health Inspector prior to using a needle cartridge system to ensure it is approved.

Example of a need cartridge system:



Durham Health Connection Line
905-668-2020 or 1-800-841-2729
durham.ca/KnowBeforeYouGo



Know Before You Go
DURHAM



This information is available in accessible format, contact 1-800-841-2729.

Source: Guide to Infection Prevention and Control in Personal Service Settings, Public Health Ontario, July 2019.