

## SMP-310R HANDLING PRECAUTIONS

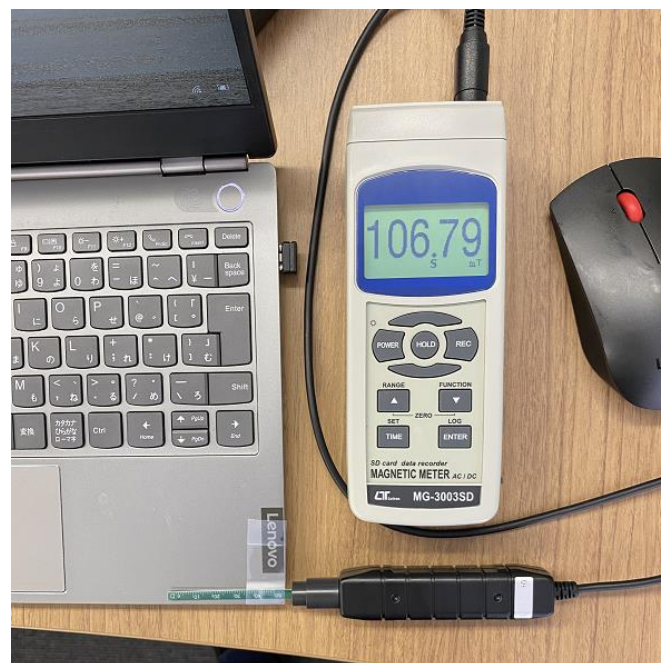
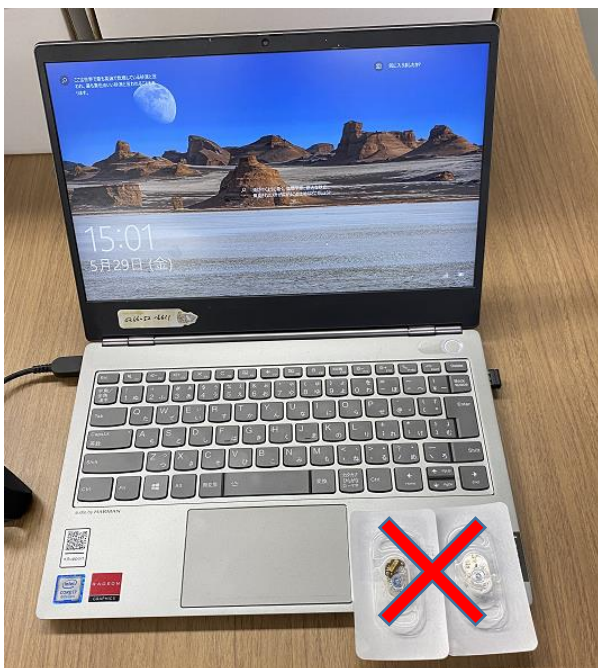
SMP-310R Micro Infusion Pumps use magnetic switches for controlling power ON and OFF. **Therefore, it is important these pumps are not stored or used near strong magnets.** For example, keep magnet provided with IMS-310R system for switching pumps ON/OFF away from SMP-310R pumps. Ideally different locations and/or at least 20cm away. From specifications:-

<b>Power On</b>	Pump is switched ON magnetically. (S Pole -ON & N Pole - OFF) magnetic strength > 100mT.
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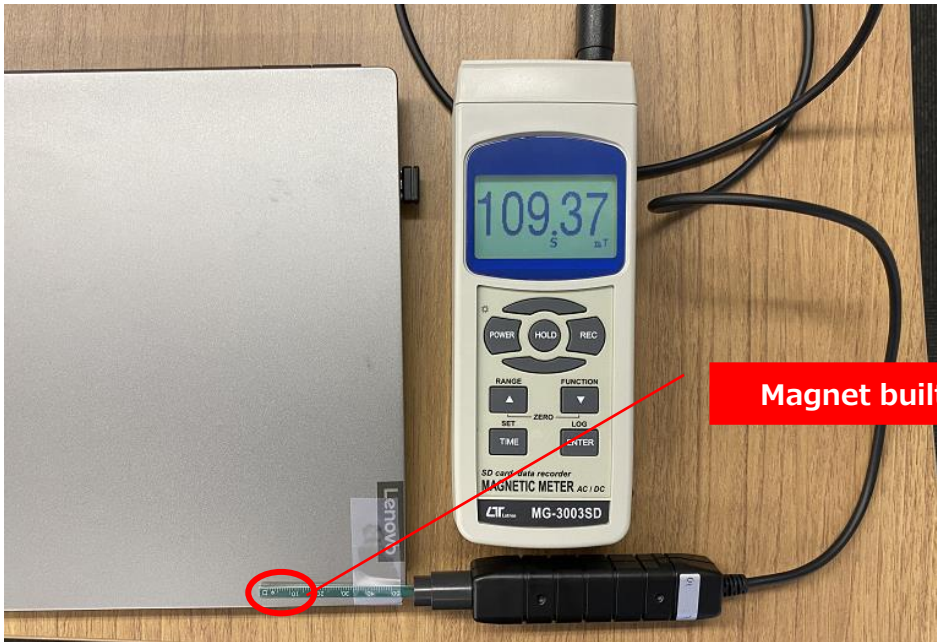
**Magnets provided for switch ON/OFF pumps are rated at 430mT and will easily switch ON SMP-310R pumps if stored or kept close to each other.** Ideally, keep them in different locations and/or at least 20cm apart. If not, strong magnetic fields from magnets will switch ON SMP-310R pumps unintentionally and battery will be depleted.

When handling SMP-310R pumps, special care should be taken to ensure that they are not switched ON unintentionally by strong magnets. For example, recently IT equipment incorporating strong magnets are very common. Therefore, to prevent such accidents where pumps are switched ON unintentionally precautions must be taken. For example never do the following as strong magnets are incorporated in Laptops and different makers will have different designs/locations:- Example below shows over 106.79mT of magnetic strength.

- Temporarily **place the pumps on the PC before programming.** (there is a risk that the power will be turned on arbitrarily)
- Temporarily **place the programmed pumps on the PC** (there is a risk that the transferred program will disappear)



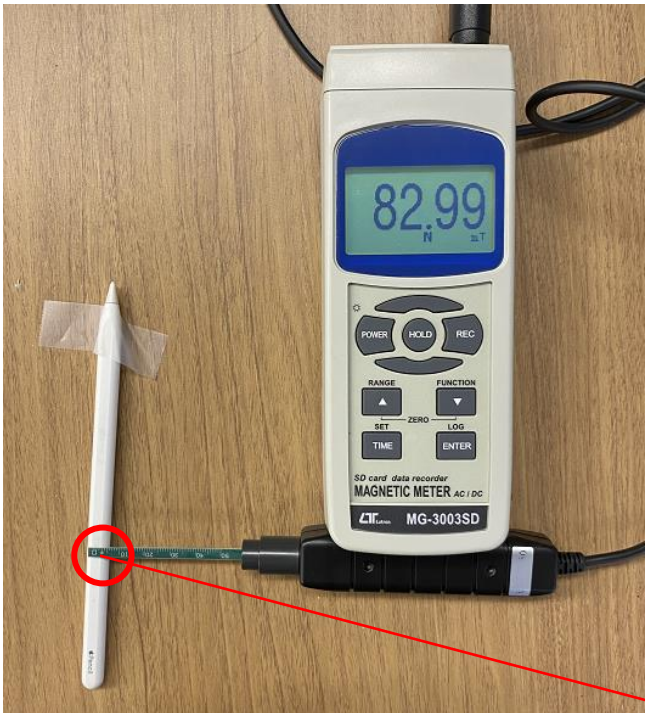
🌟 Laptop PC (closed) fixed magnets. Example below shows over 109.37mT of magnetic strength.



🌟 Tablet. Example below shows over 181.18 mT of magnetic strength.



Pen (Tablet Pencil). Example below shows over 82.99 mT of magnetic strength. Variation of magnetic fields could be important.



Tablet pencil holder magnet

Smartphone case



Fixed by magnet

In addition to the above examples, be careful about devices that use magnets.