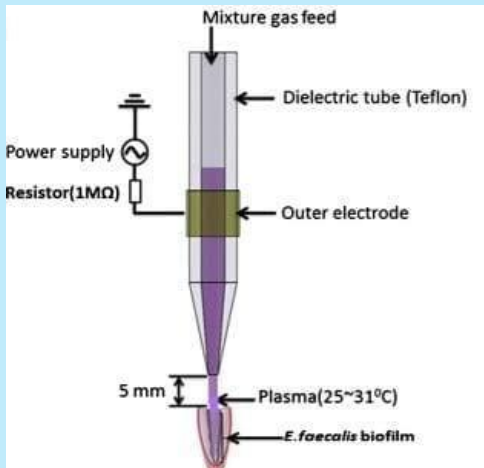


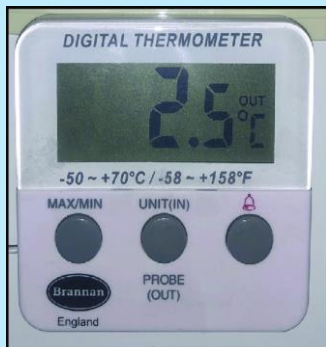
CRYOTHERAPY: A NEW APPROACH IN ENDODONTICS

■ CRYOTHERAPY AGENTS



■ METHODS OF APPLICATION

- ✓ Intracanal application



- ✓ Ice therapy



■ MECHANISM OF ACTION

Use of extreme cold temperature



Vasoconstriction



Reduction in blood flow



Decrease inflammation degree



Decrease swelling and therefore



Reduced PAIN

■ APPLICATIONS

- + Post operative Pain management
- + Cold surface treatment for Ni-Ti instruments
- + Vital pulp therapy
- + Enhance the efficacy of nerve block
- + Root canal disinfection

■ LIMITATIONS:-

- Technique sensitive.
- Isolation is a must.
- Persistent exposure leads to thrombosis.