

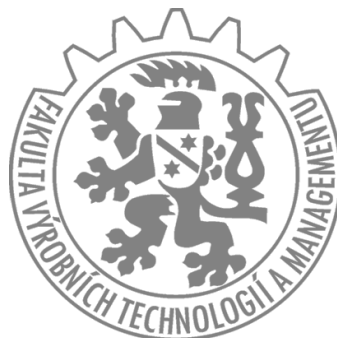


INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

Název projektu:

Věda pro život, život pro vědu

Registrační číslo: CZ.1.07/2.3.00/45.0029





Hi-tech přístroje v praxi

**Katedra technologií a materiálového inženýrství
Fakulta výrobních technologií a managementu**

27. Května 2014, Gymnázium Děčín

Dr. Ing. Martin Novák



Fakulta výrobních technologií a managementu

- ✓ součást Univerzity J. E. Purkyně v Ústí n. Labem
- ✓ cca 900 studentů
- ✓ tvořena 4 katedrami
- ✓ bakalářské, magisterské a doktorské studium
- ✓ zaměření na techniku a ekonomiku
- ✓ Řízení výroby, Materiály a technologie v dopravě, Energetika

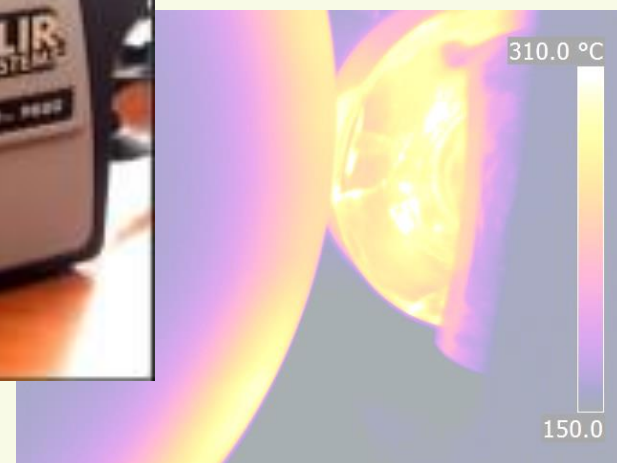
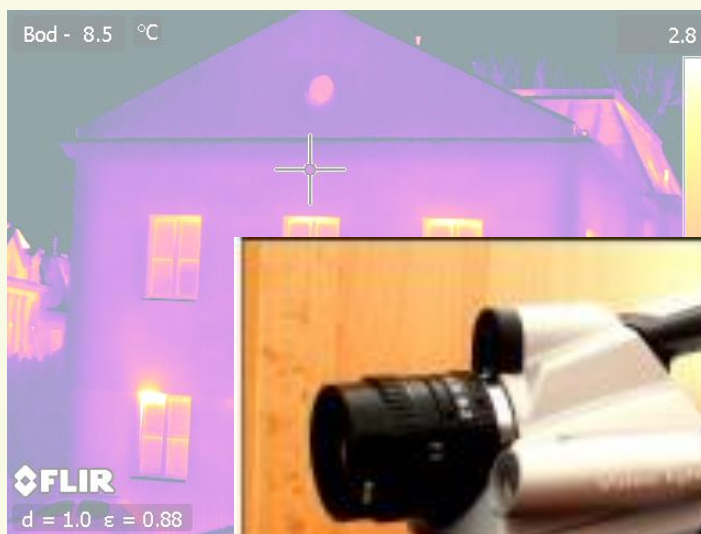


LABORATOŘE

Katedry technologií a materiálového inženýrství

- ✓ laboratoř destruktivního zkoušení materiálů
- ✓ laboratoř nedestruktivního zkoušení materiálů
- ✓ Laboratoř přesných měření a RTG
- ✓ laboratoř tepelných procesů
- ✓ laboratoř koroze
- ✓ laboratoř optiky, metalografie a spektrometrie
- ✓ laboratoř elektronové mikroskopie a EDS
- ✓ laboratoř přípravy vzorků a chemie
- ✓ laboratoř technologií
- ✓ laboratoř obráběcích procesů

Praktické ukázky využití přístrojů a zařízení v praxi



Termokamera P620

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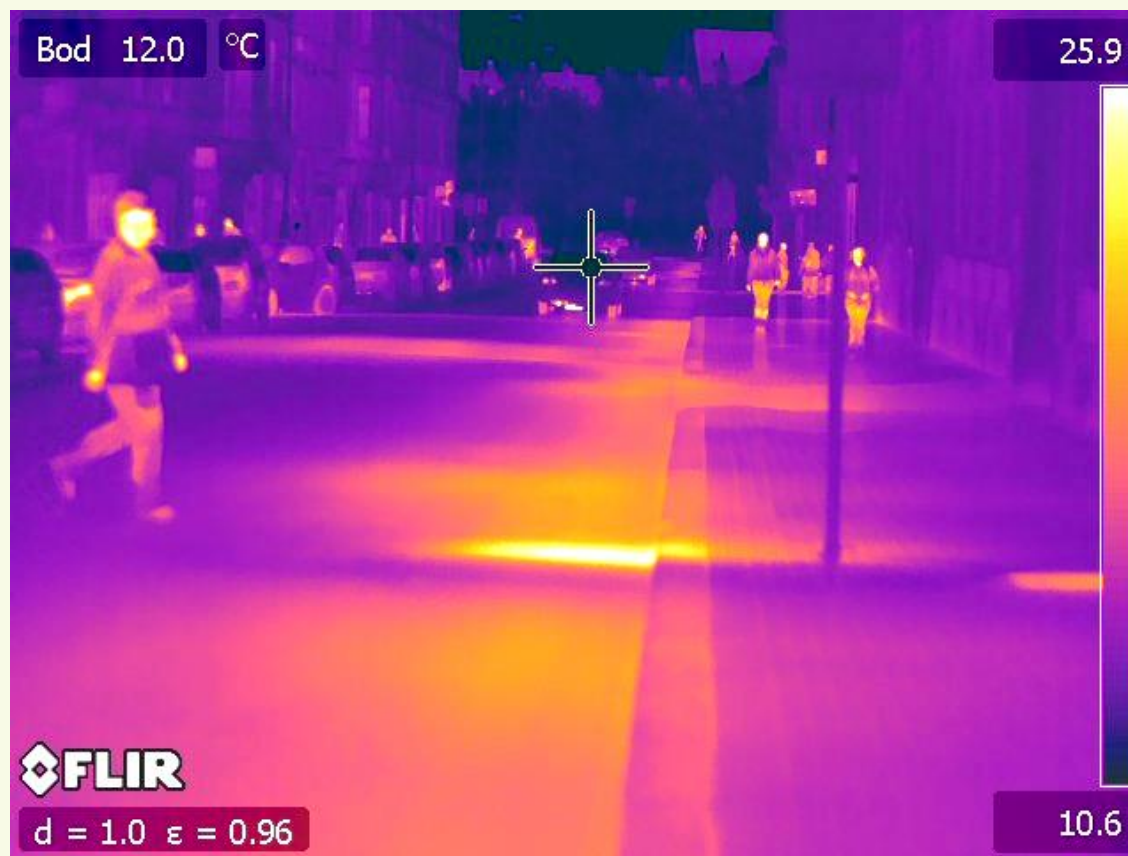
- ✓ termovizní měření infračerveného záření
- ✓ rozsah od -40 °C do 2000 °C
- ✓ citlivost 0,1 °C
- ✓ snímkovací frekvence 25 Hz
- ✓ teplotní palety
- ✓ prolínání obrazů (P-in-P)

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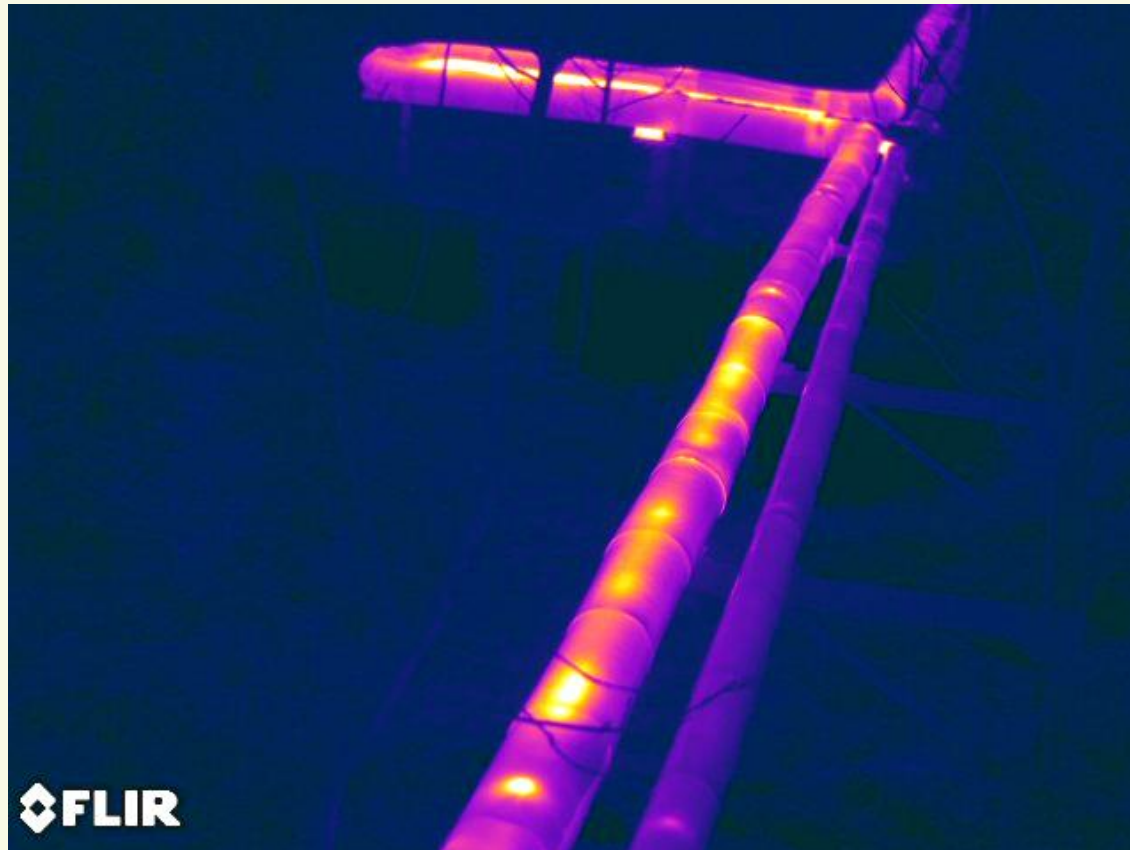
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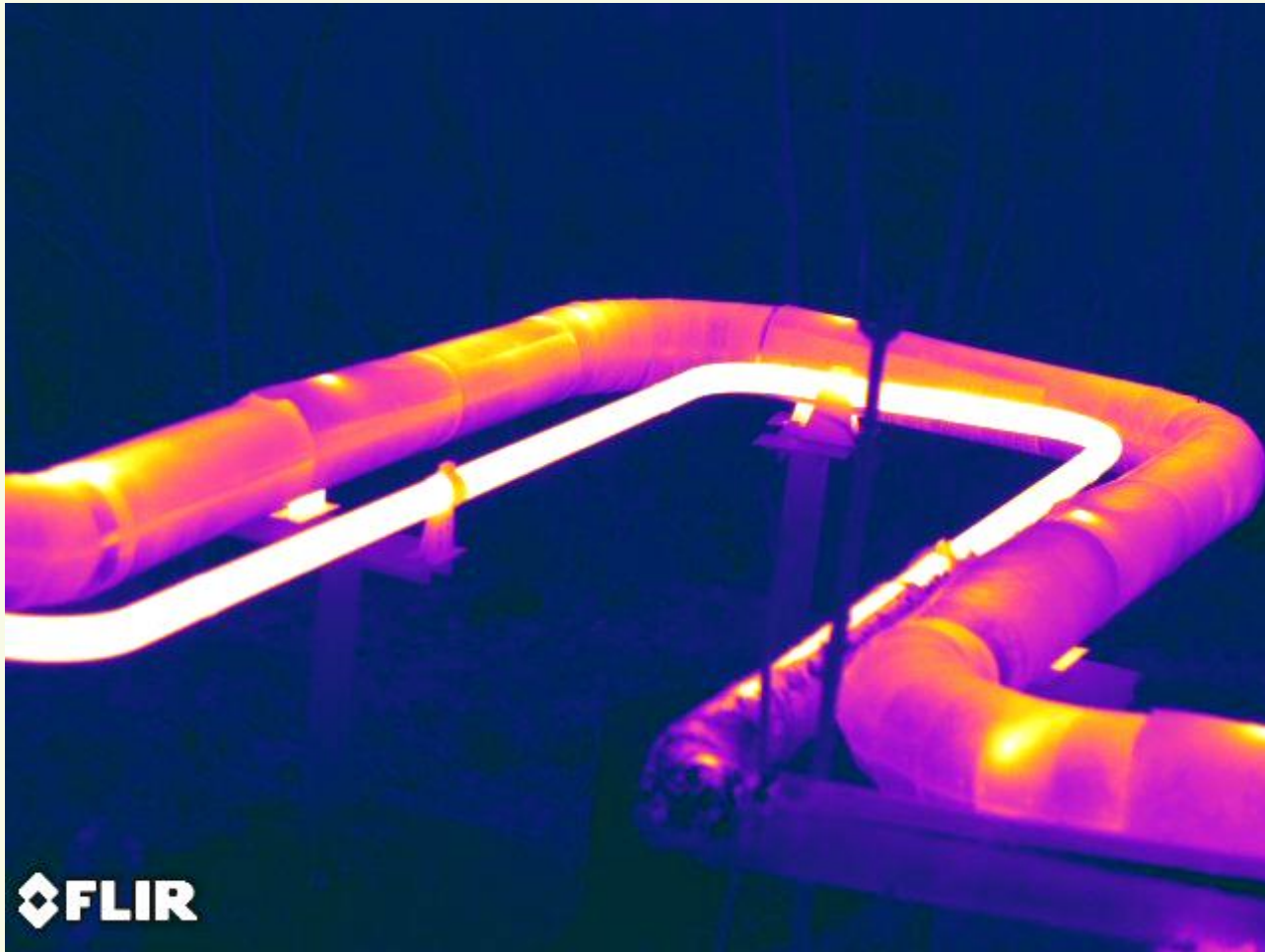


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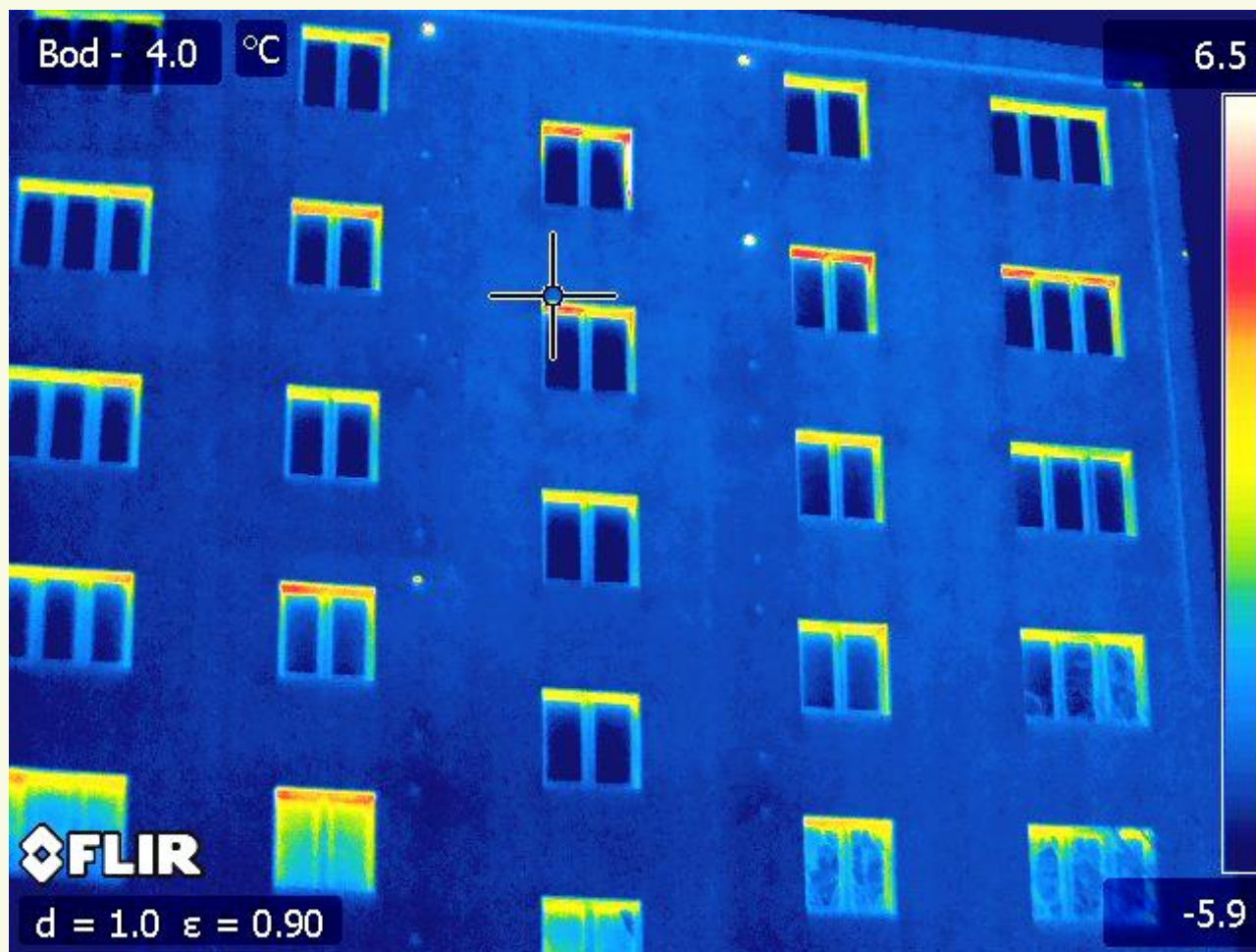
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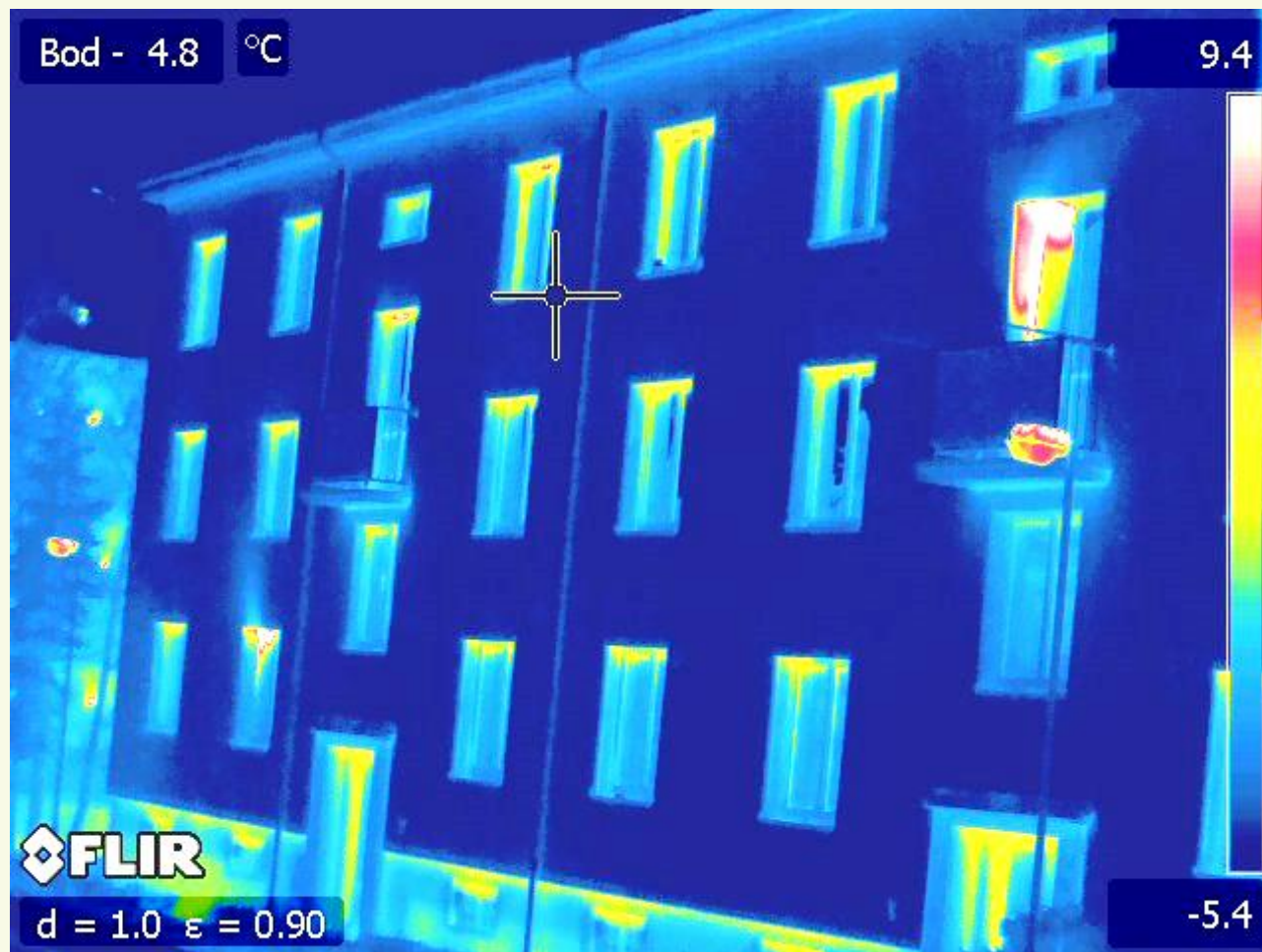


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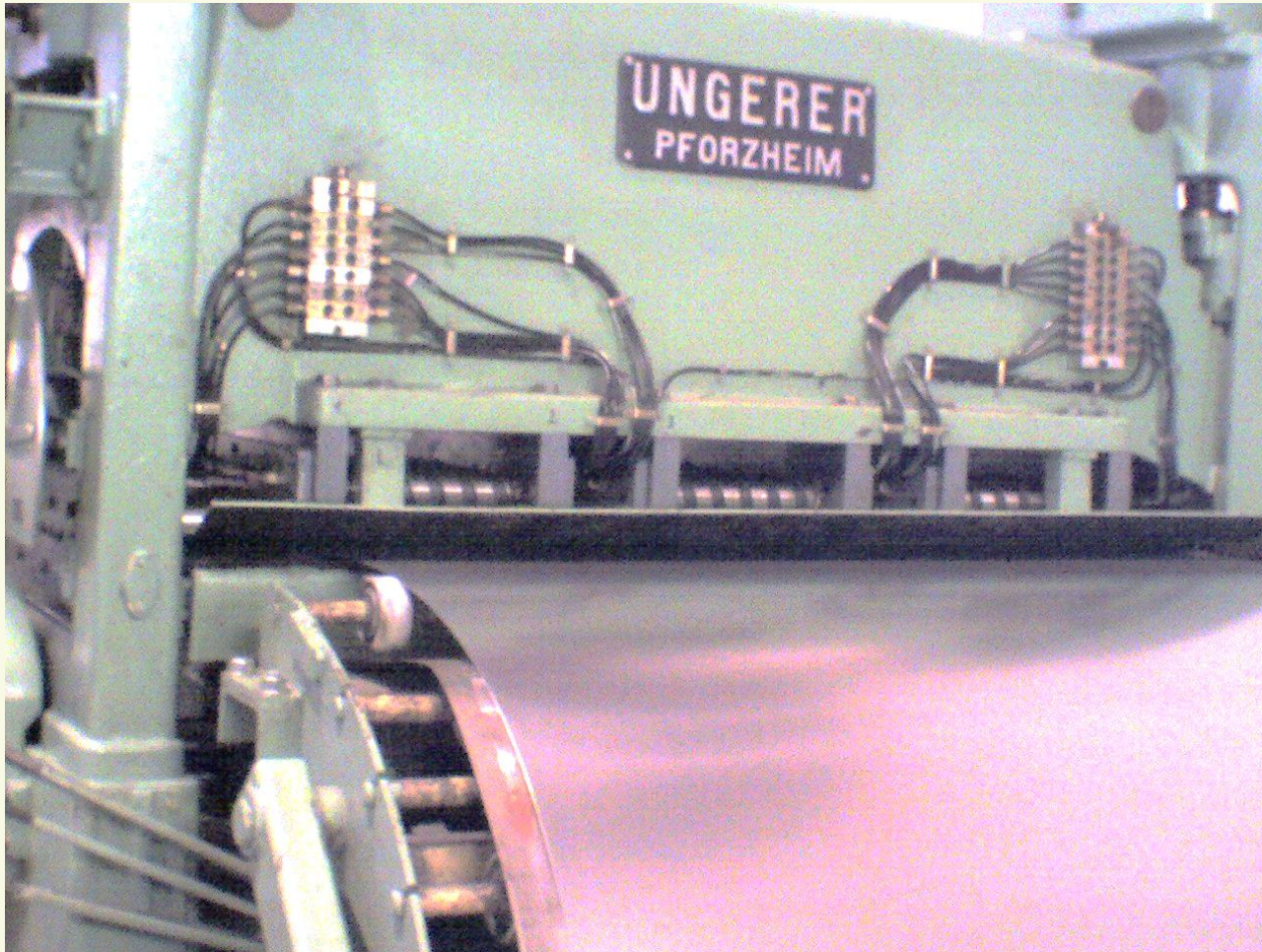


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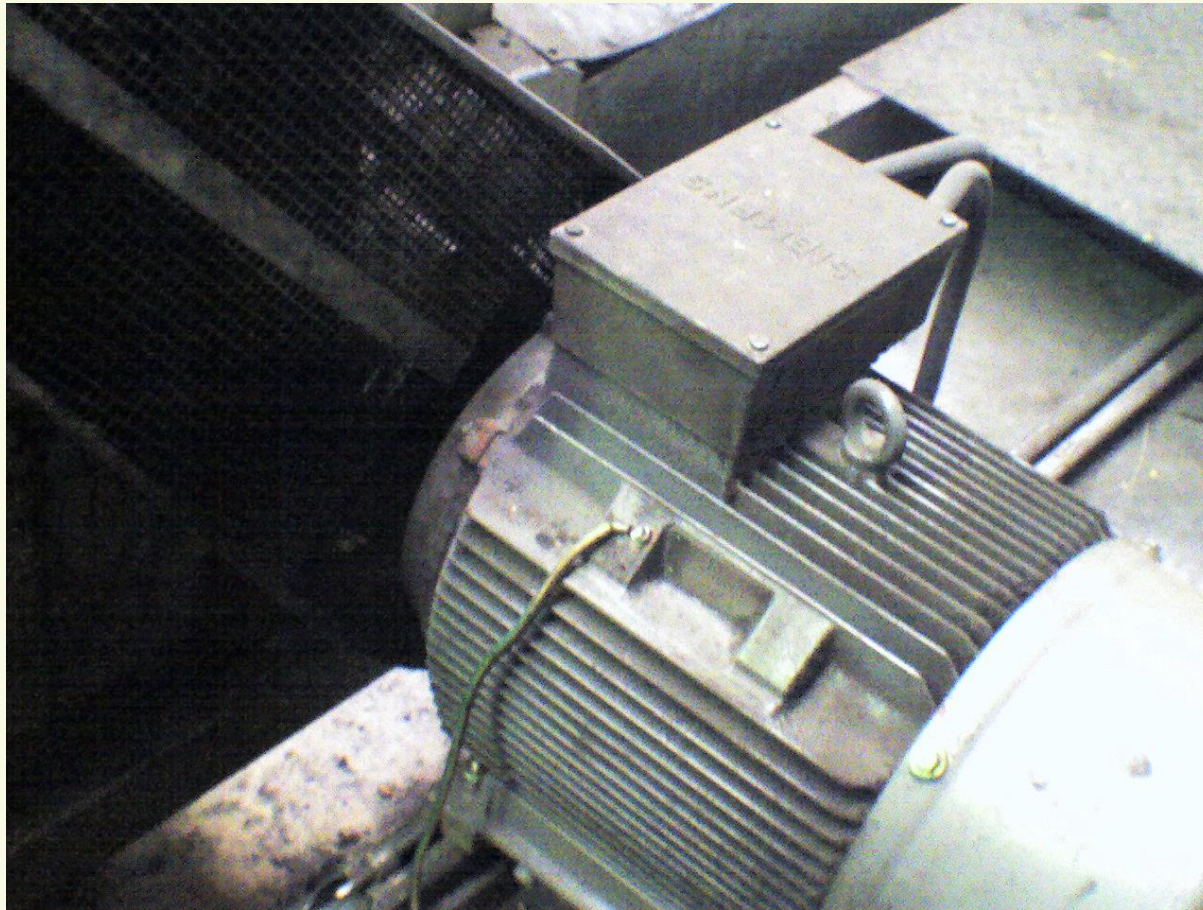




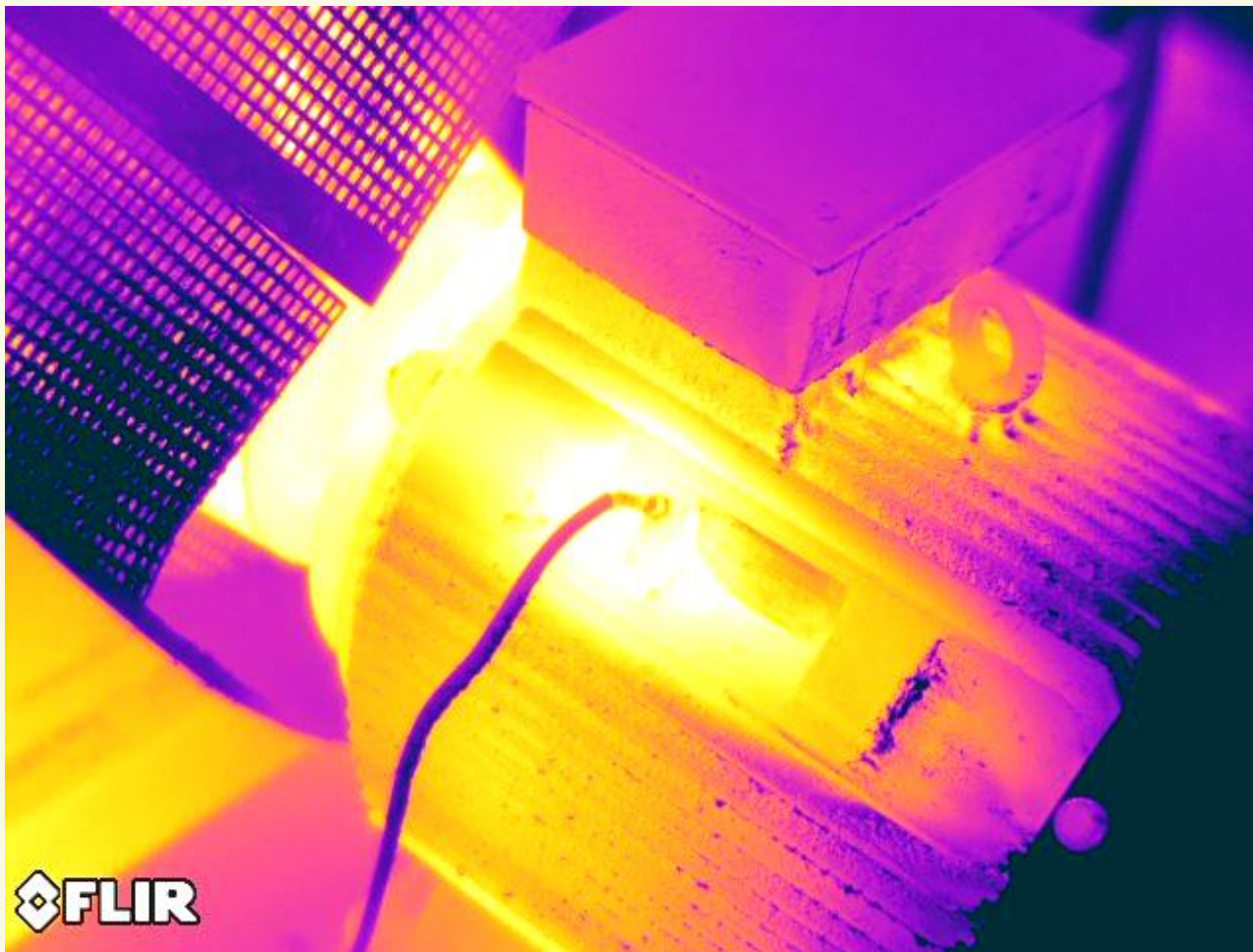
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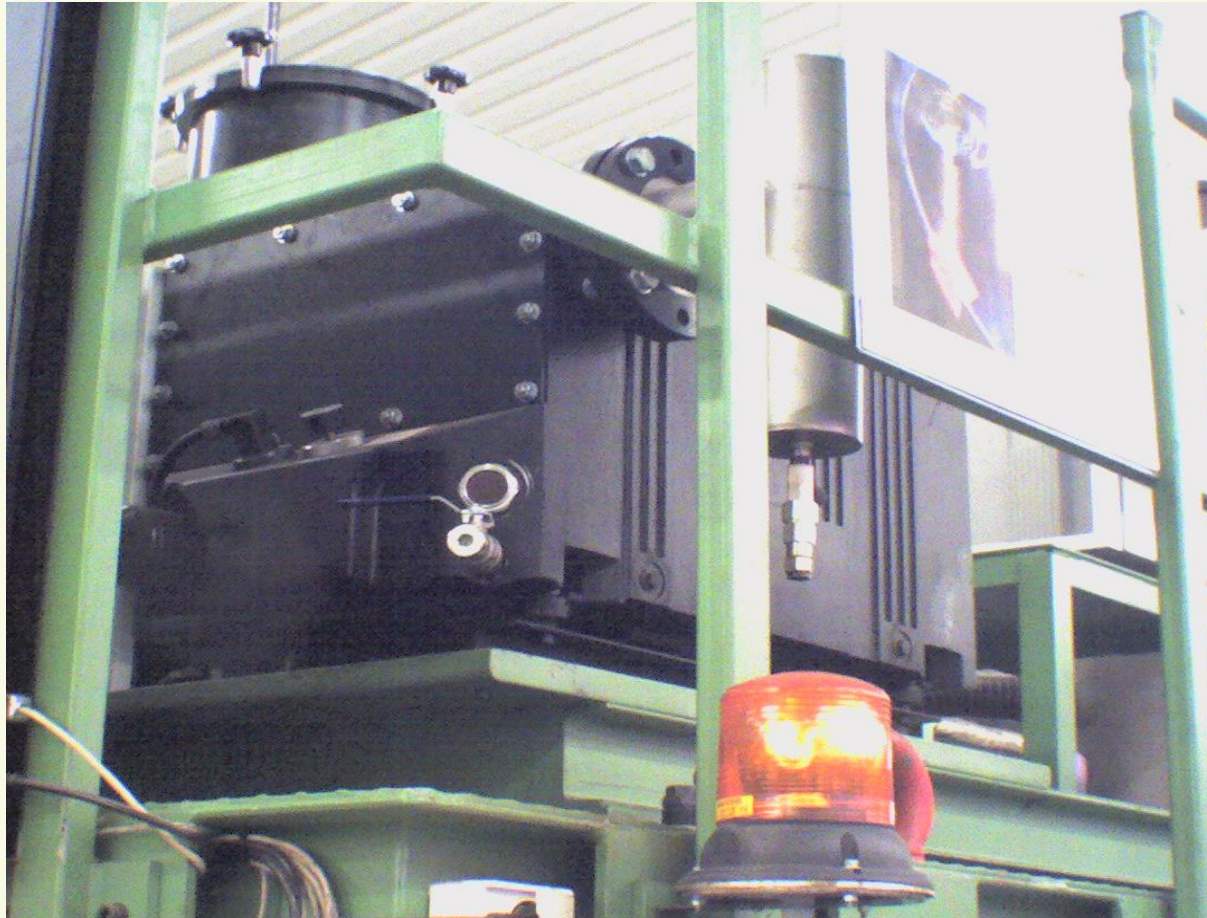
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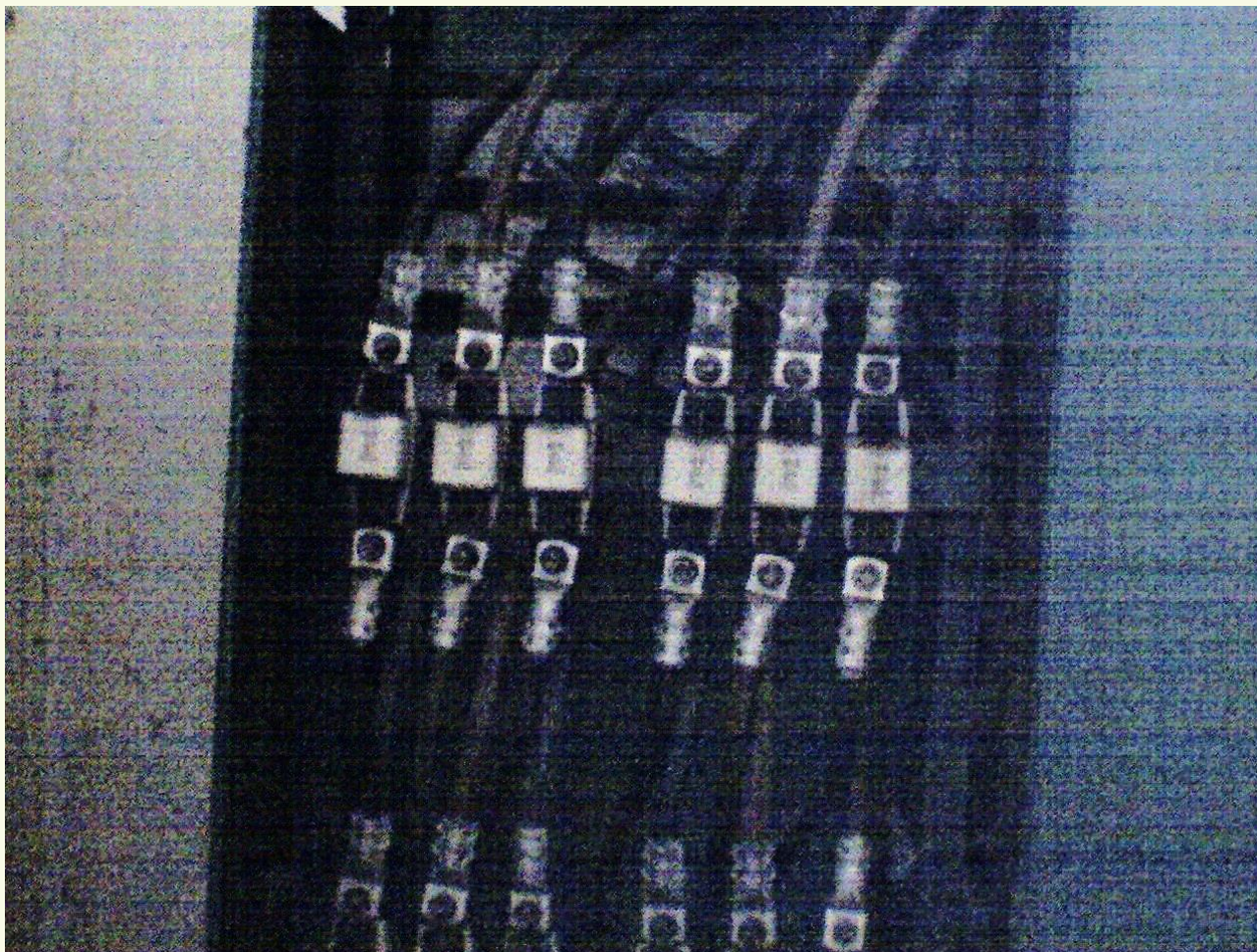
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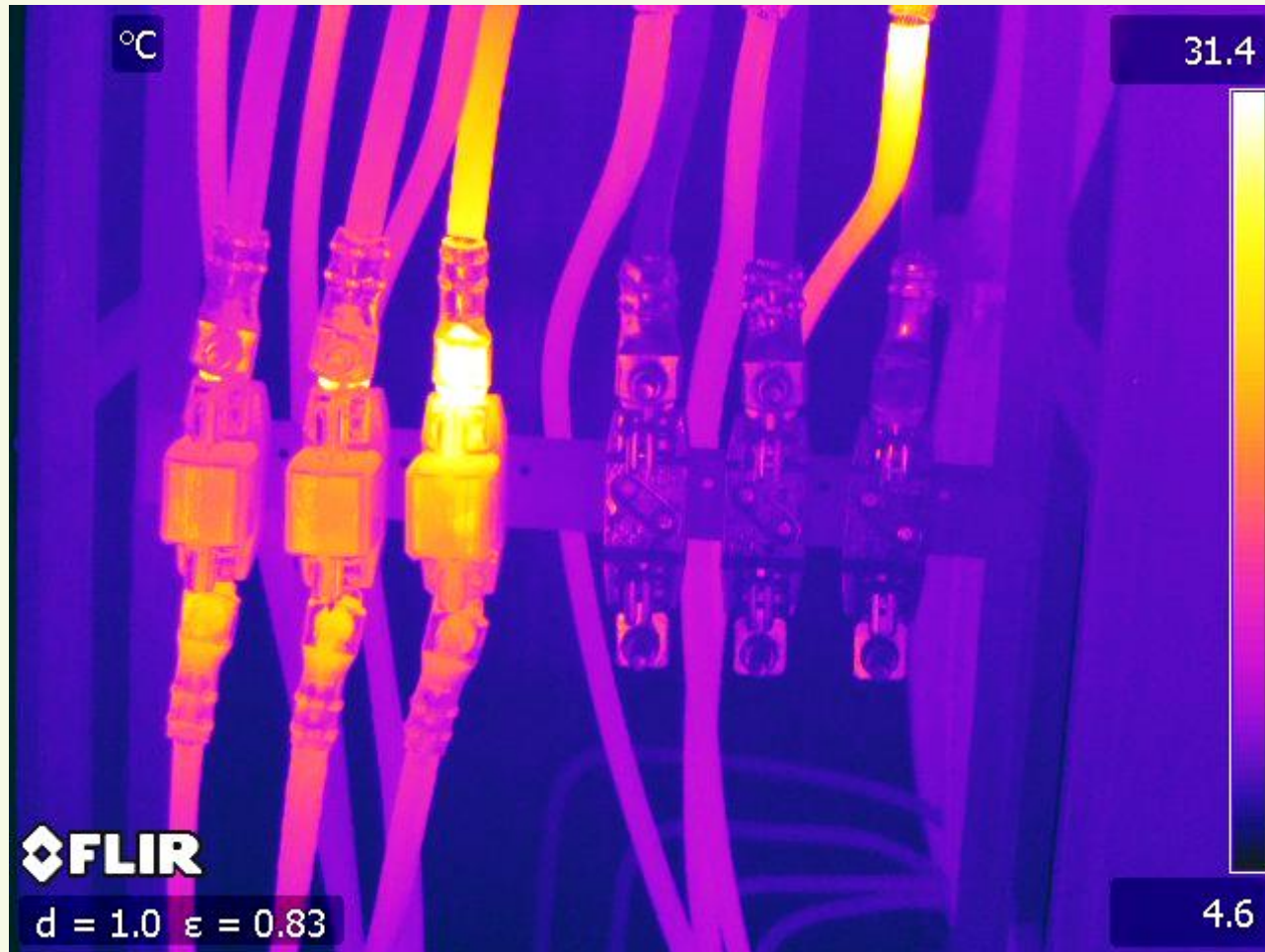
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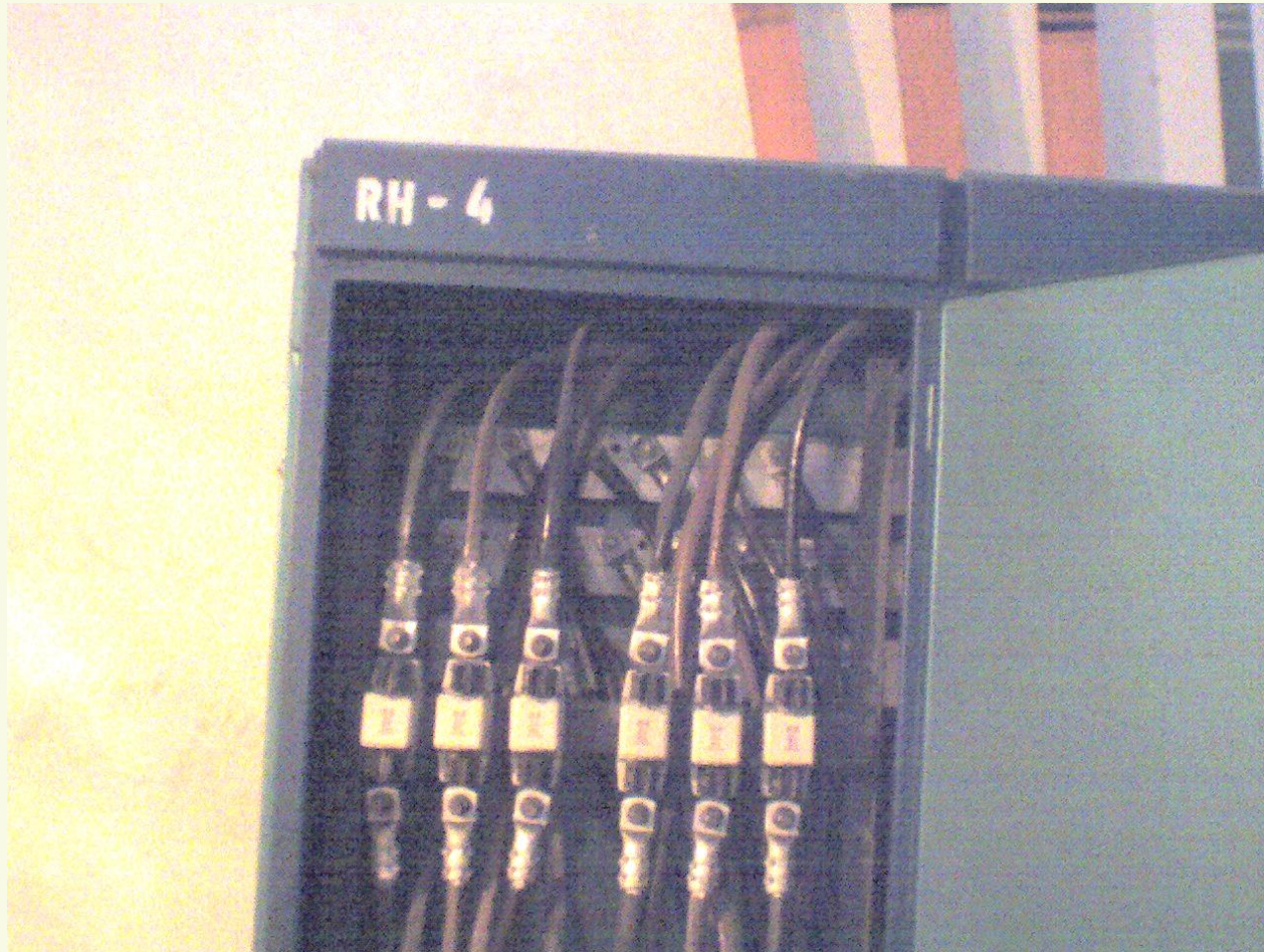
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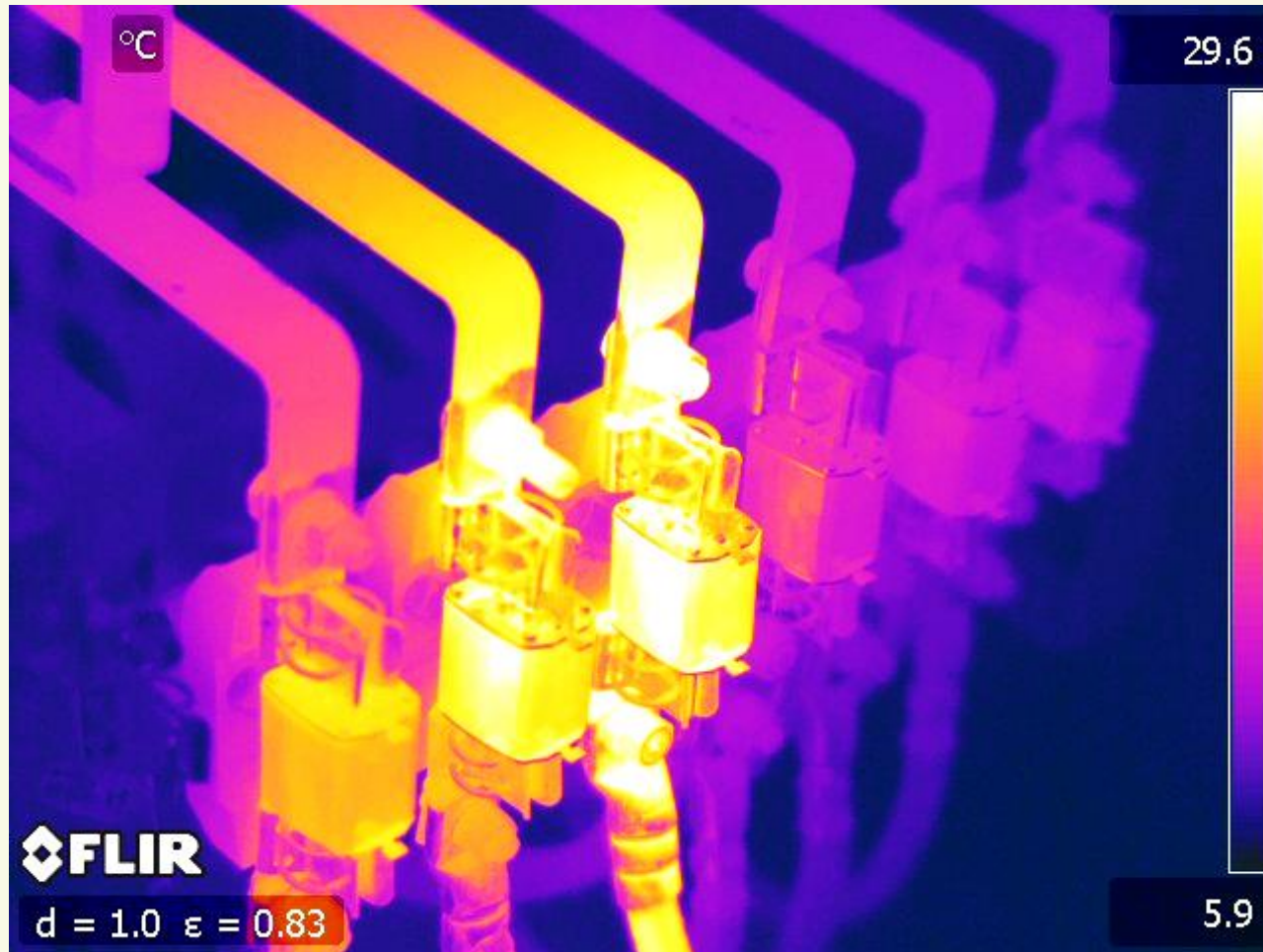
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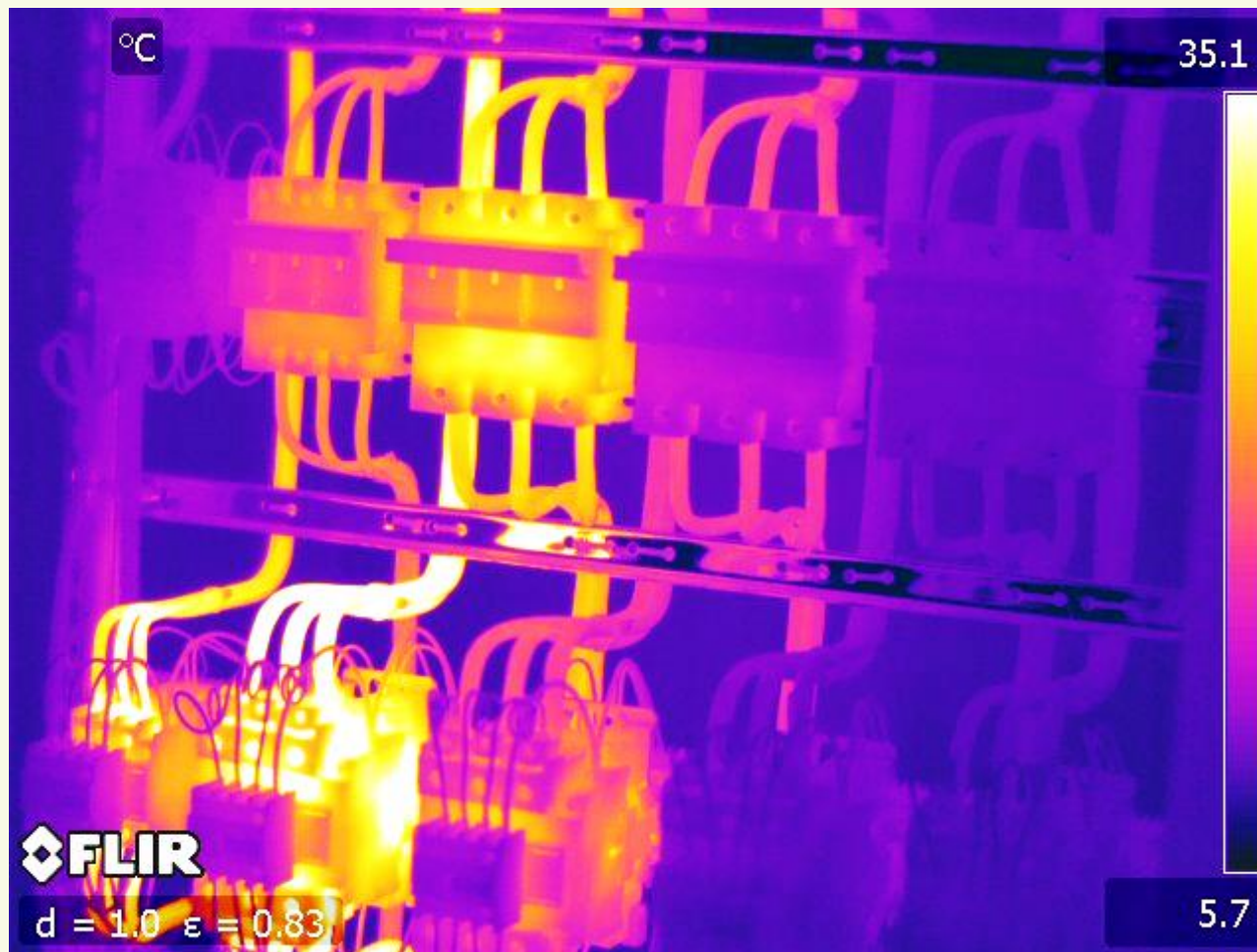
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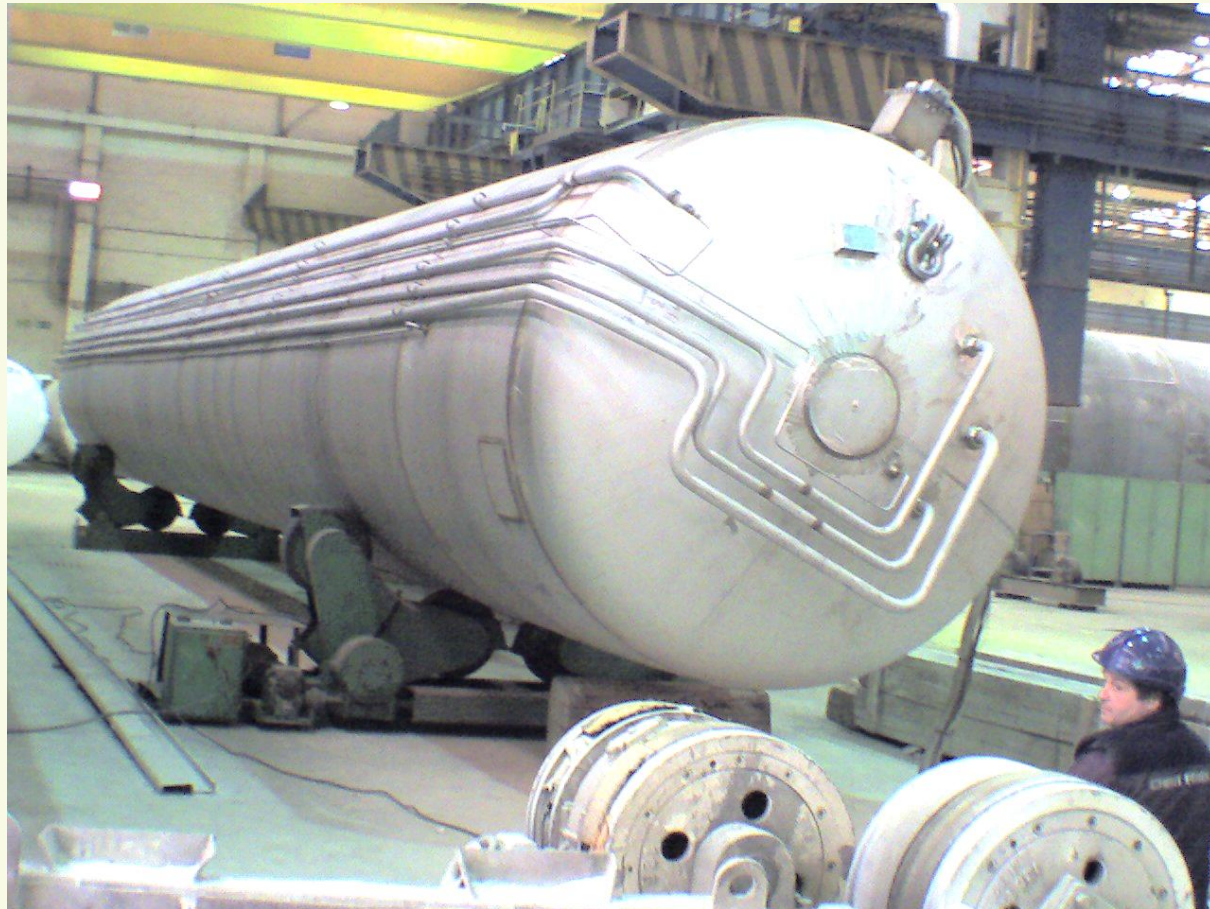
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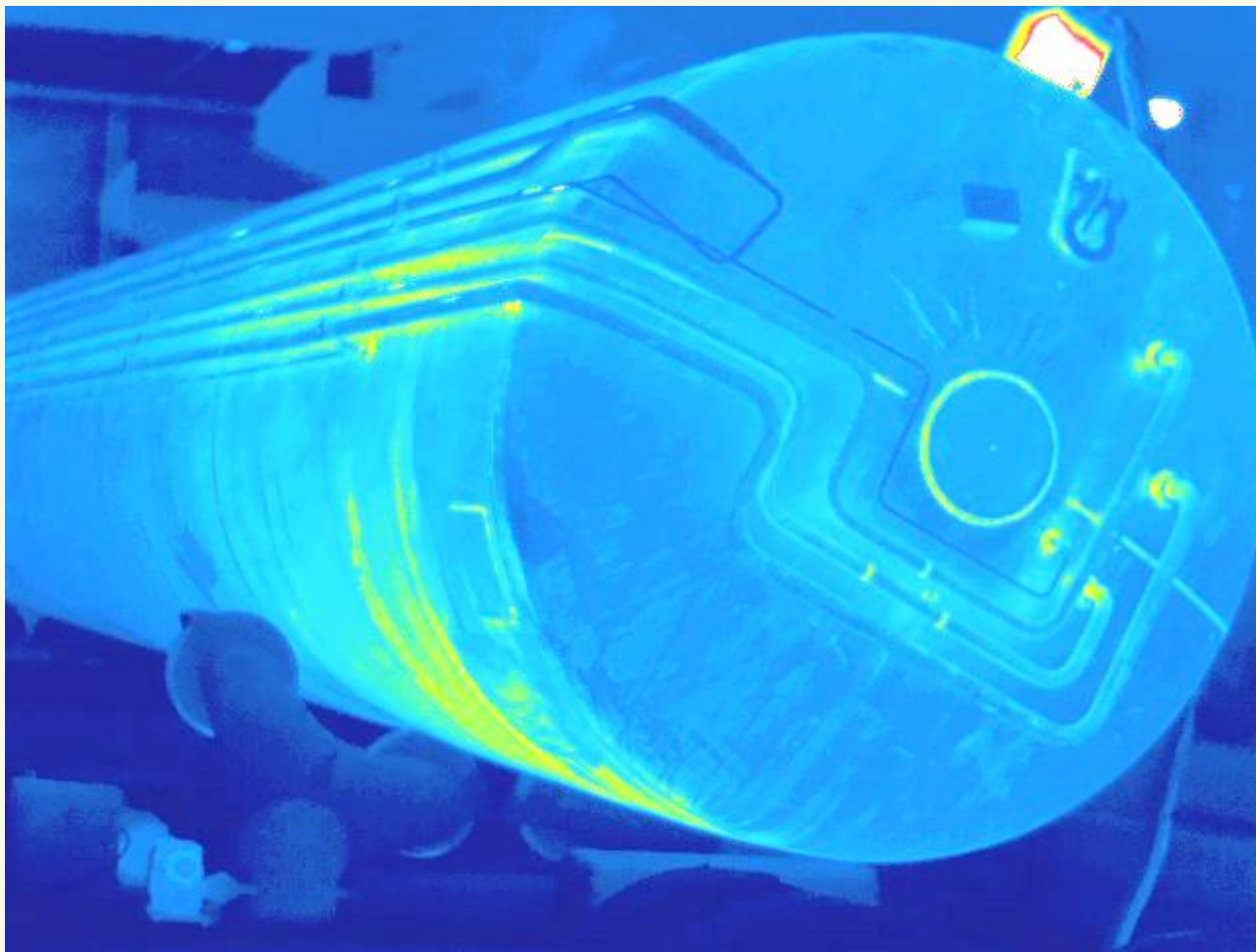
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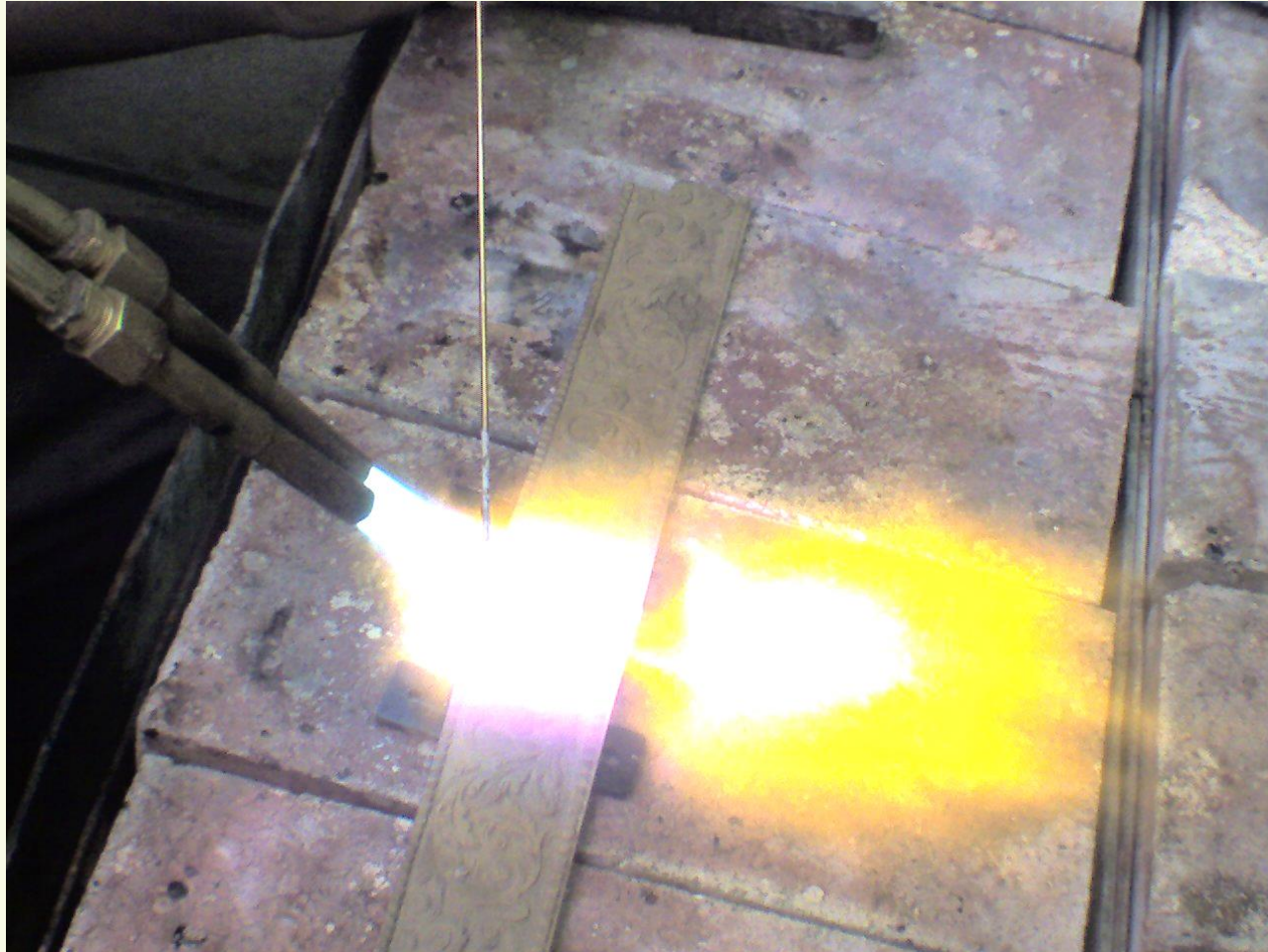
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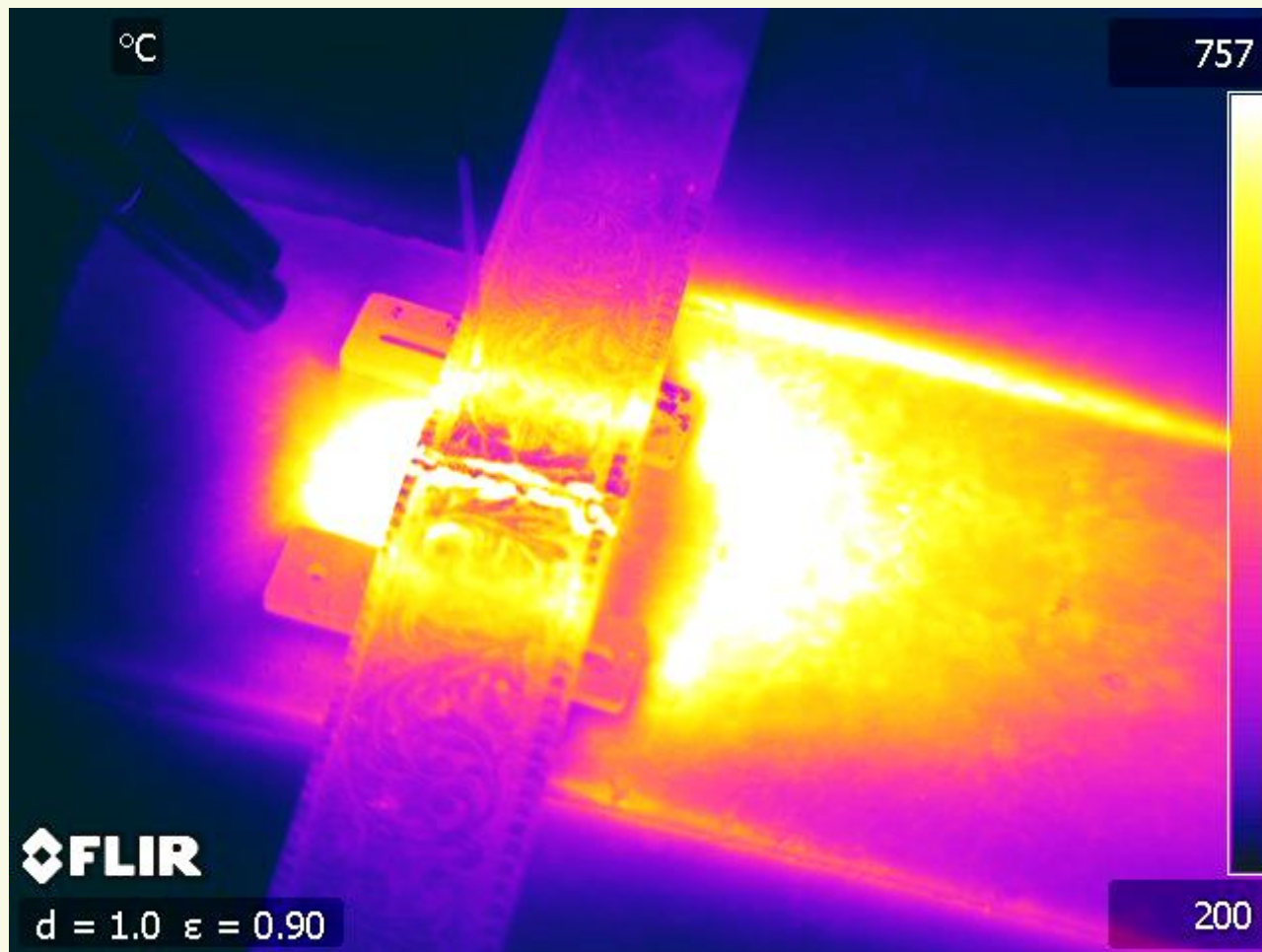
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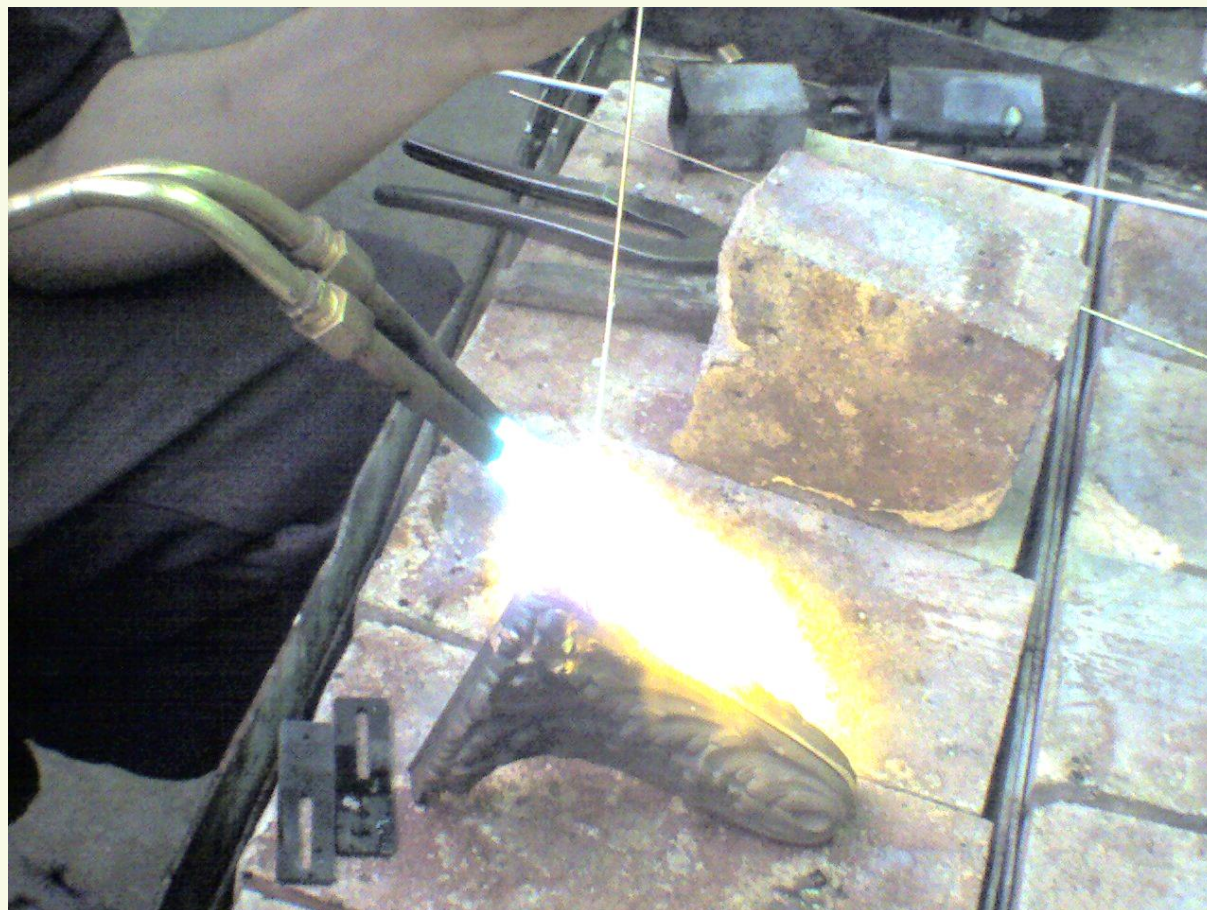
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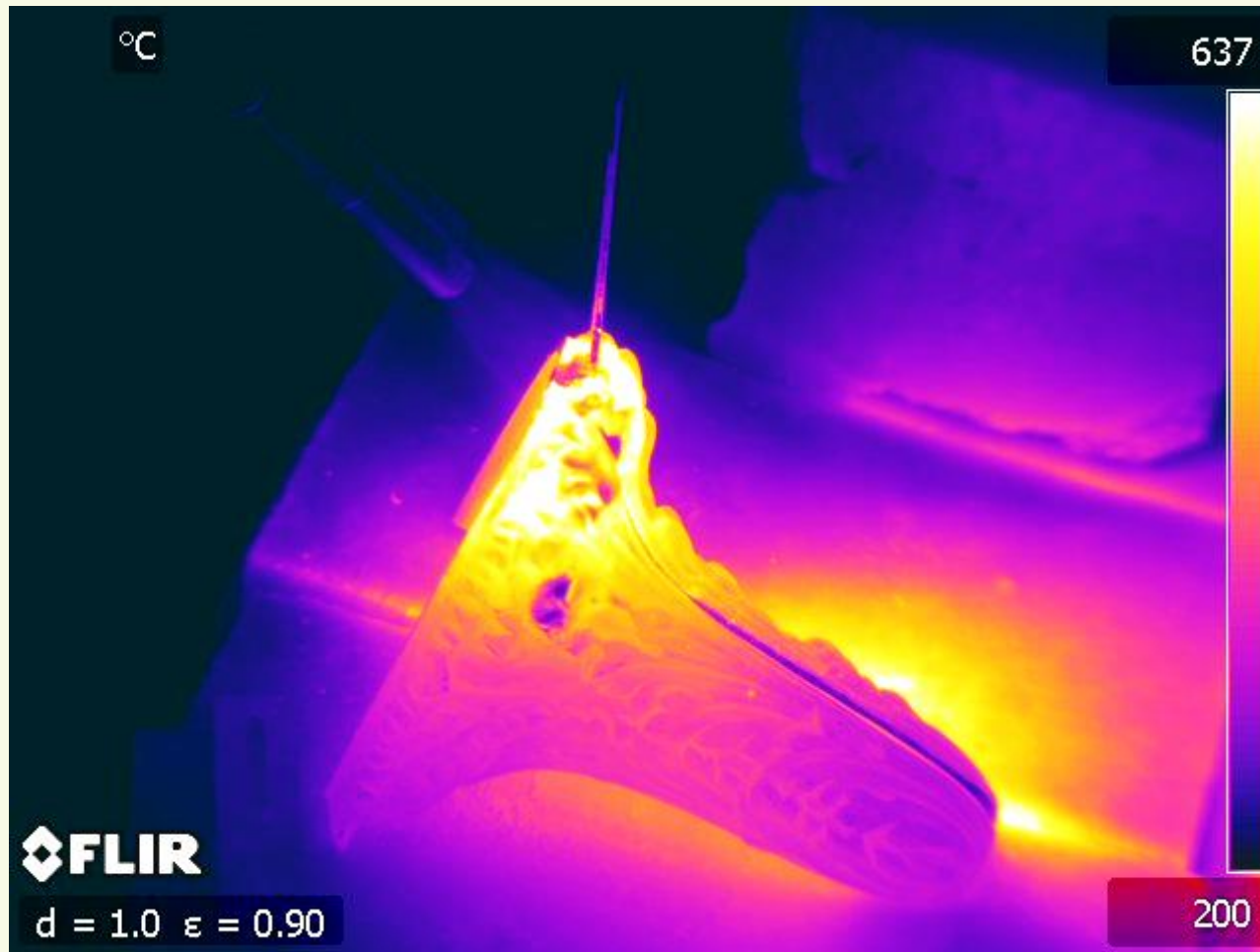
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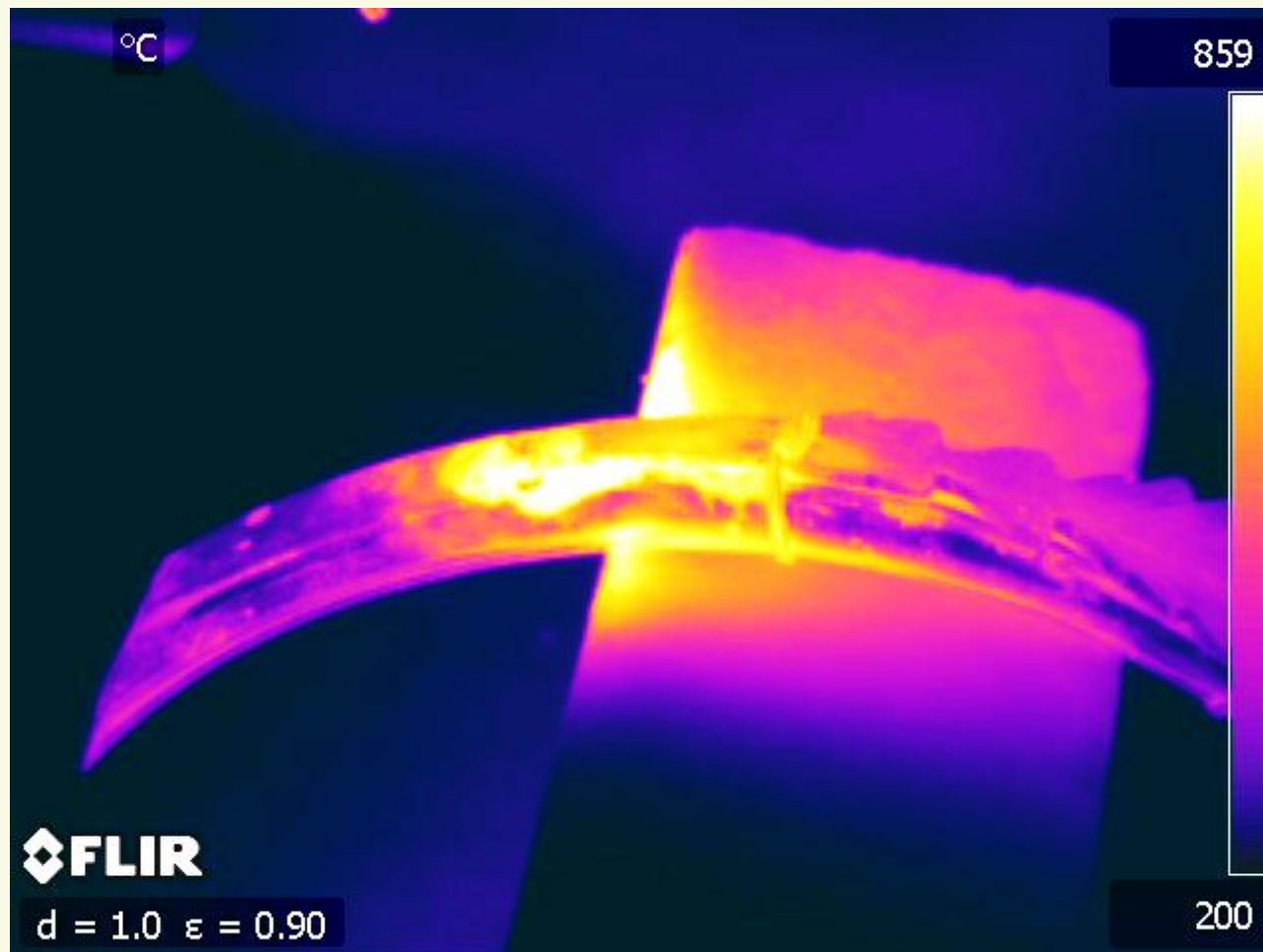
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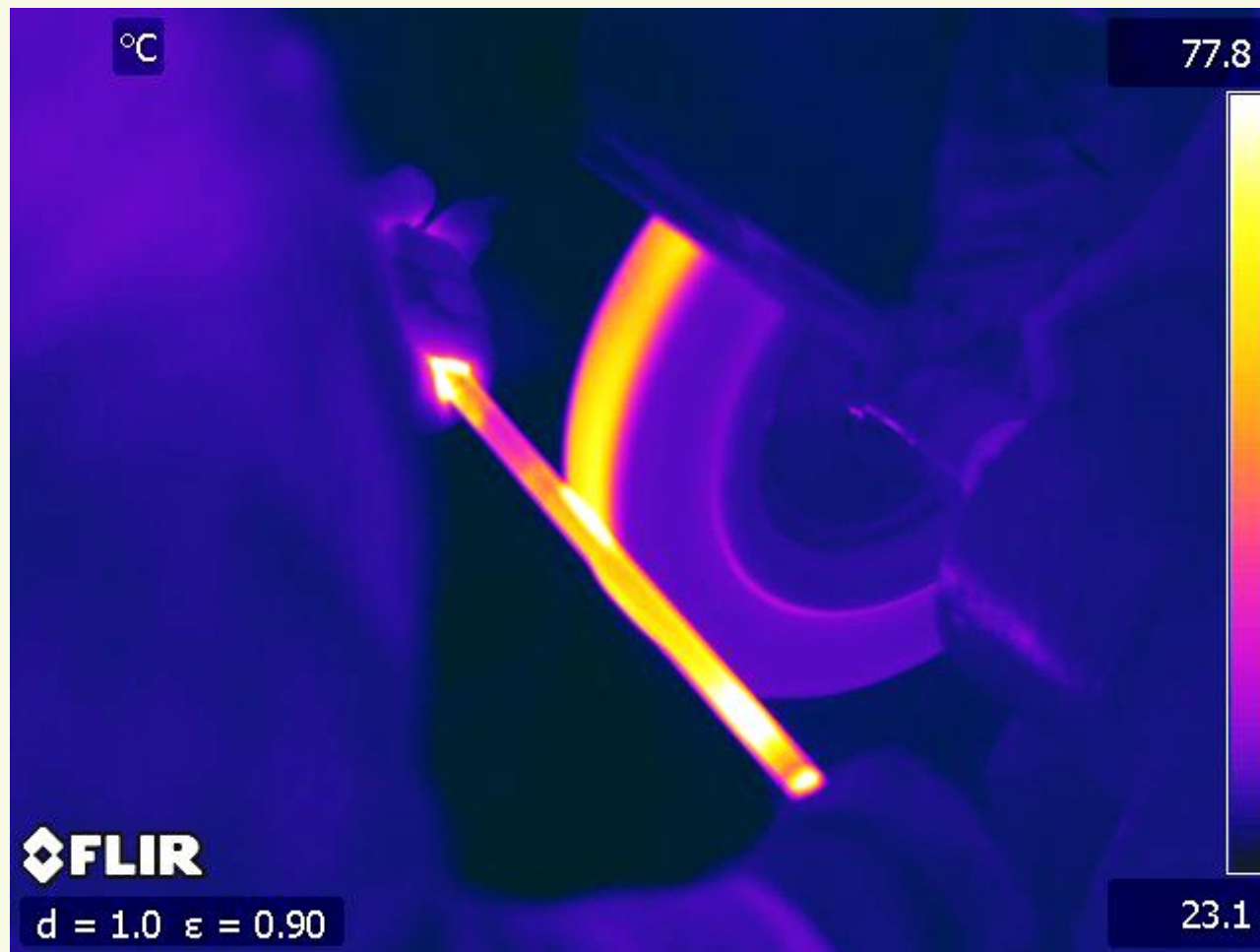


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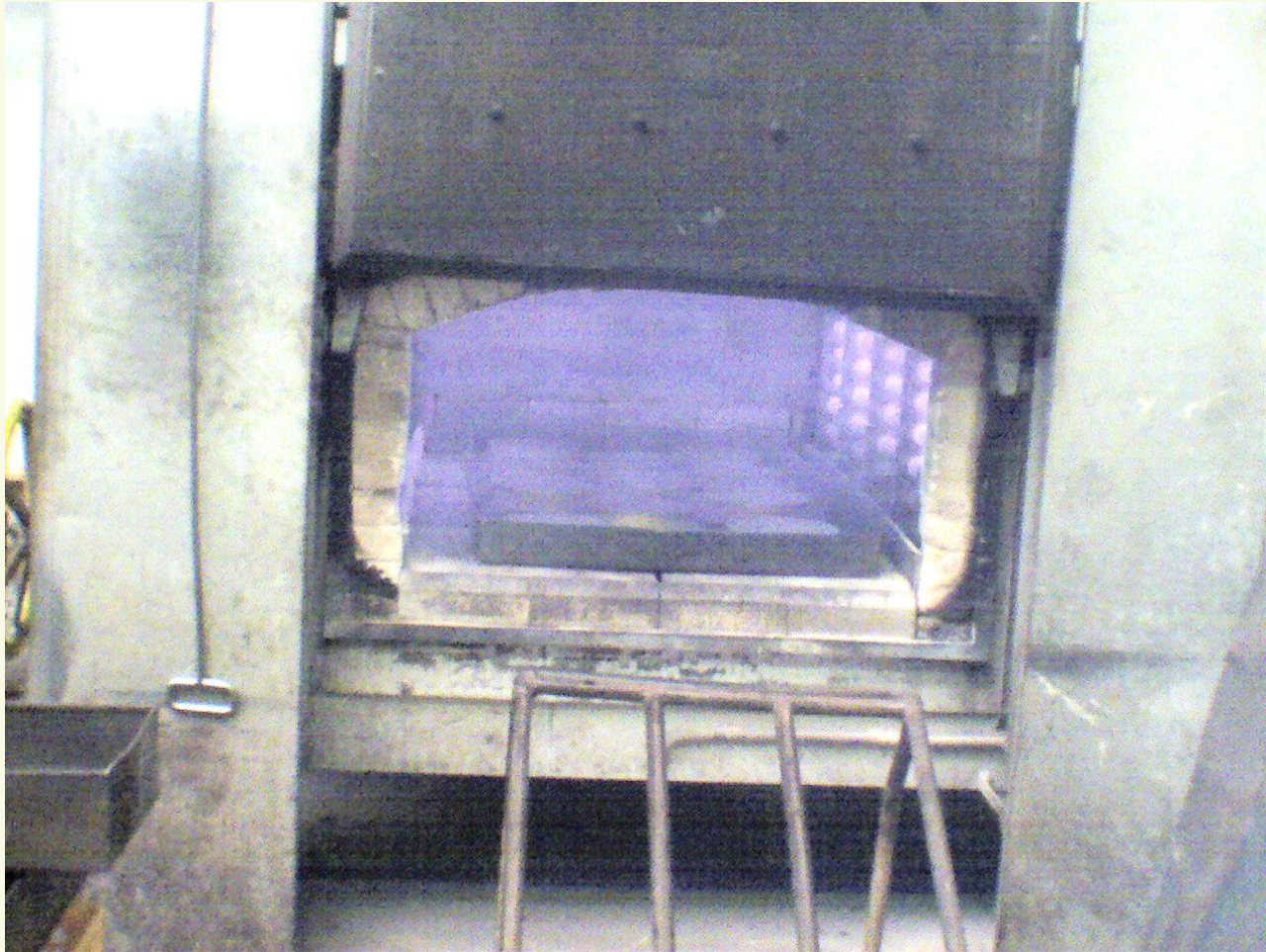


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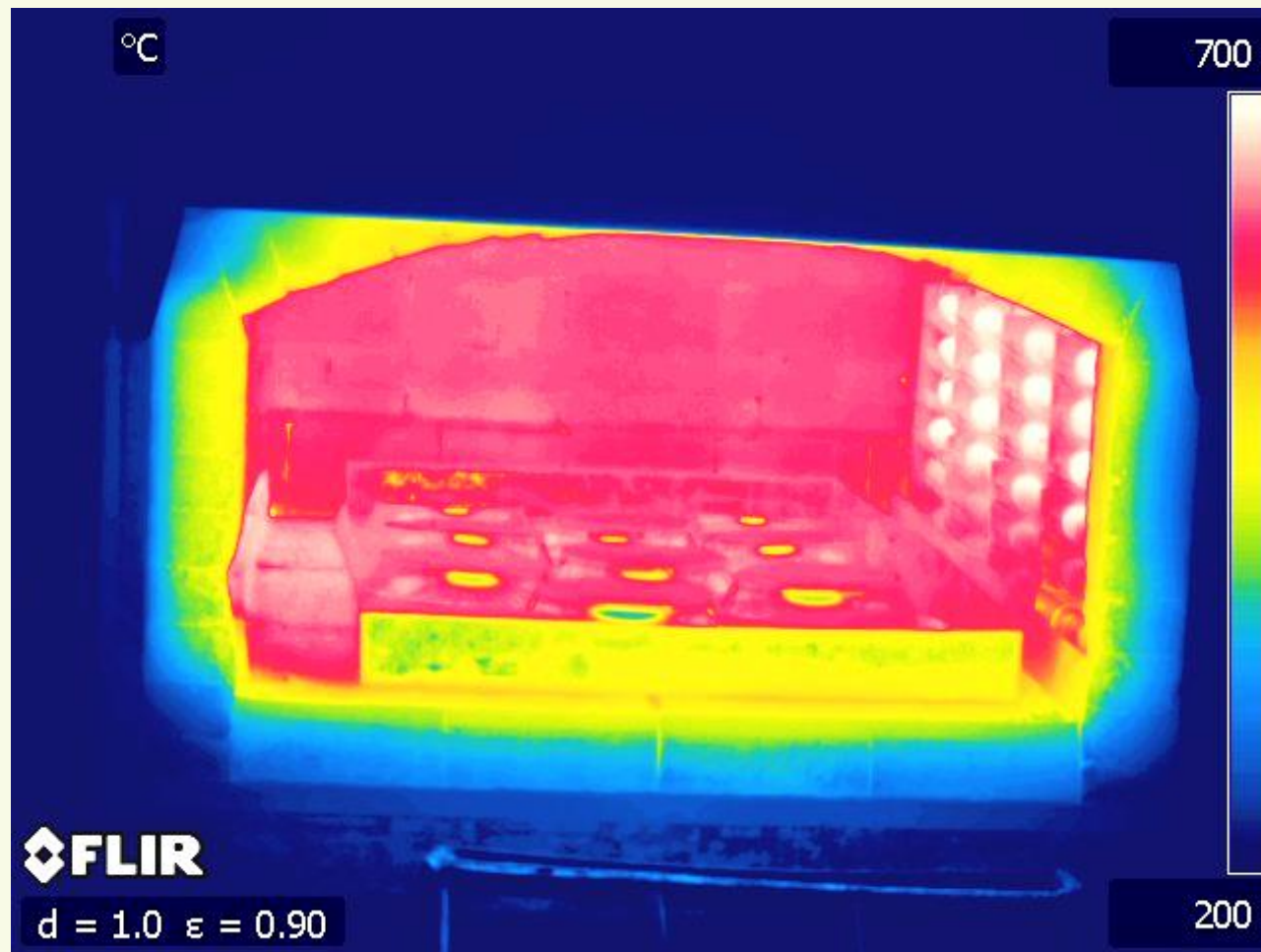




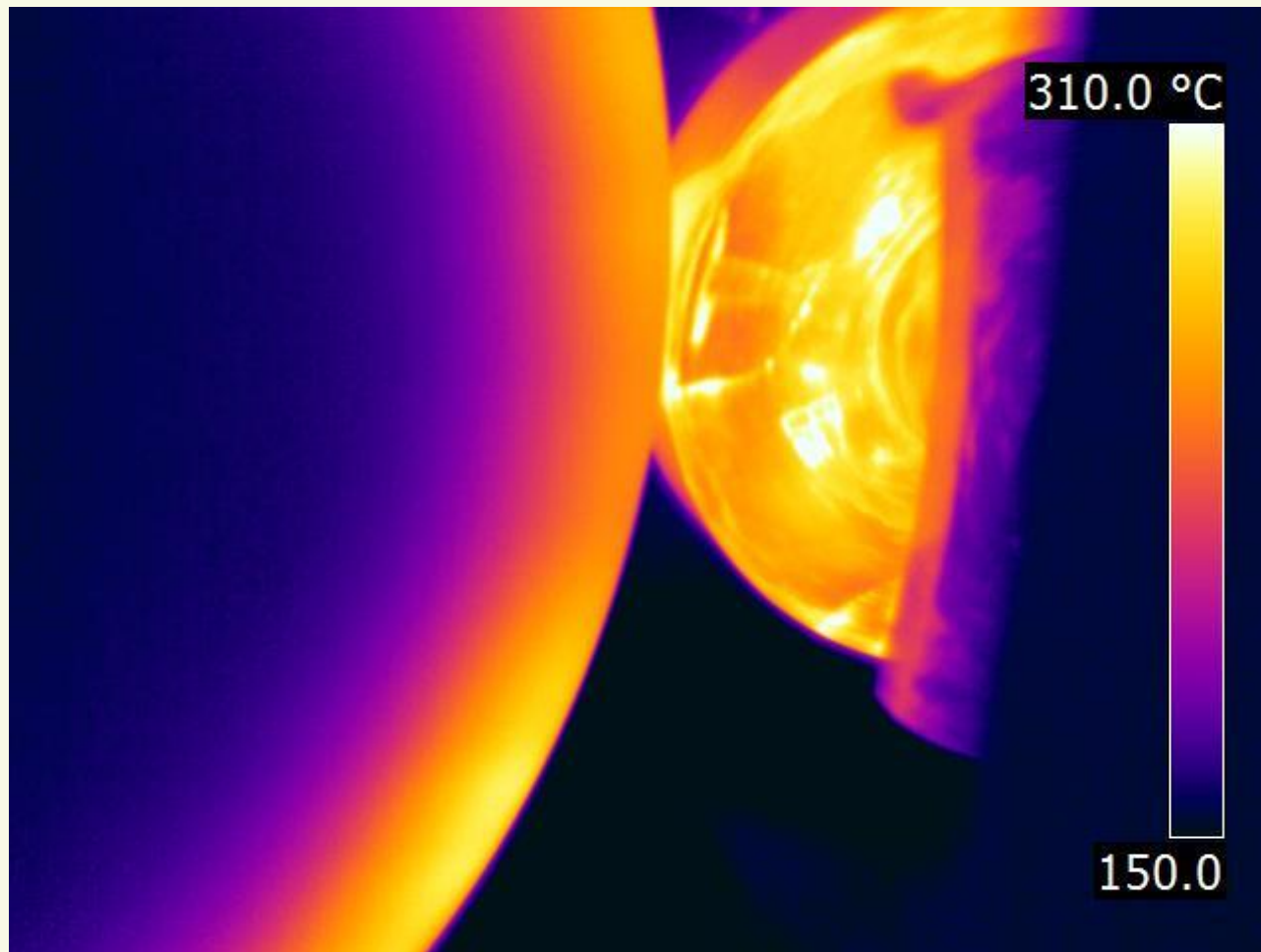
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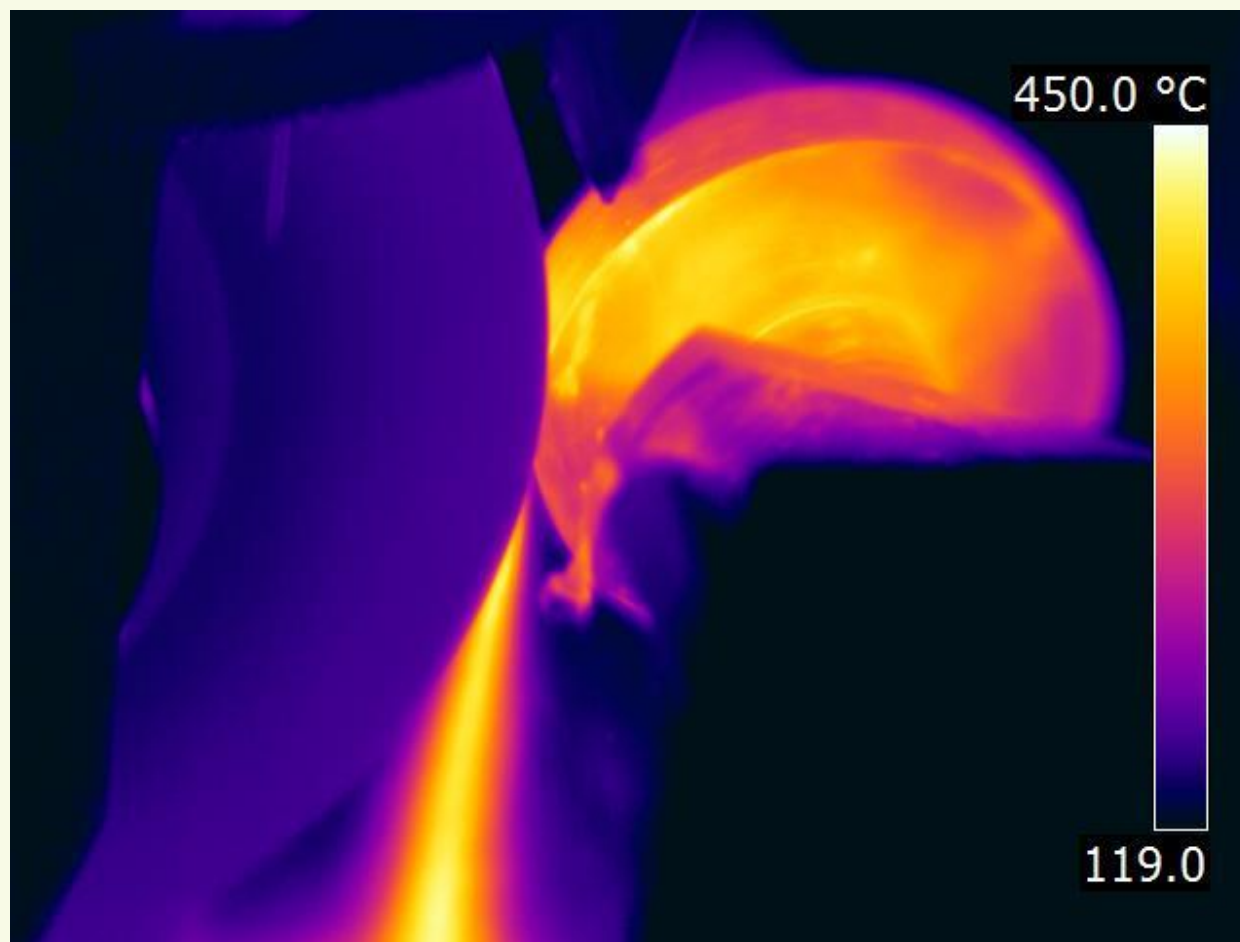
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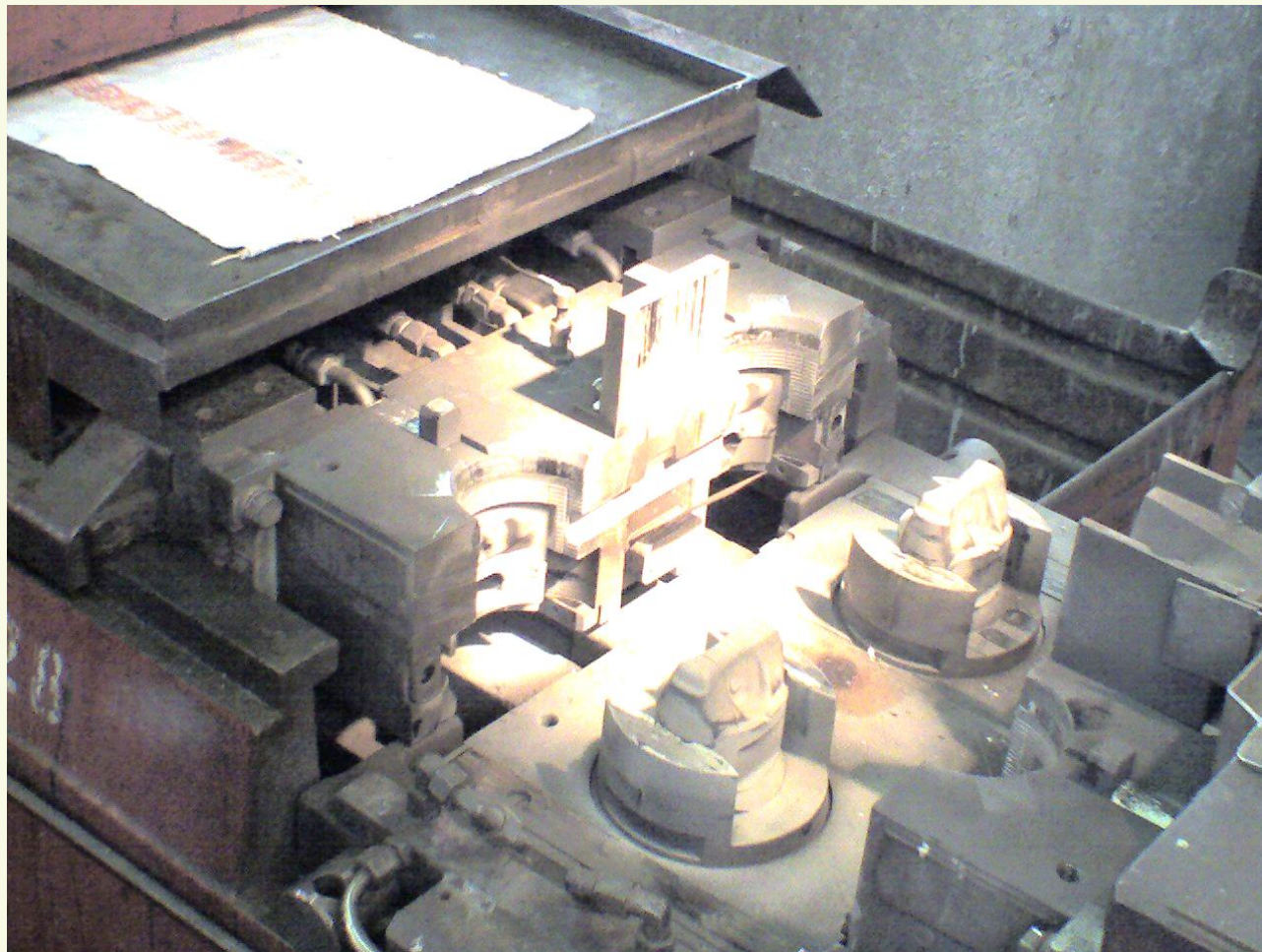
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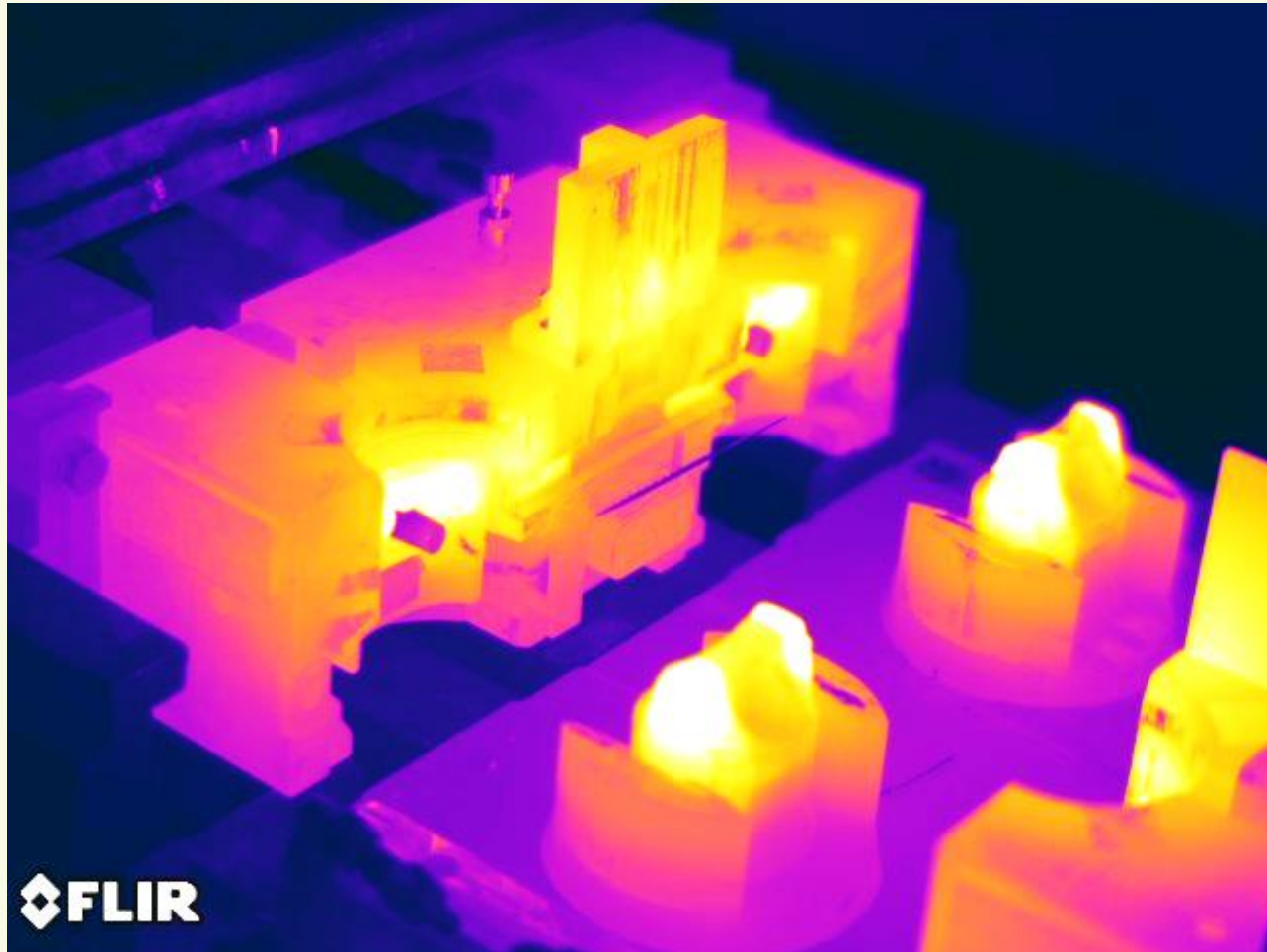
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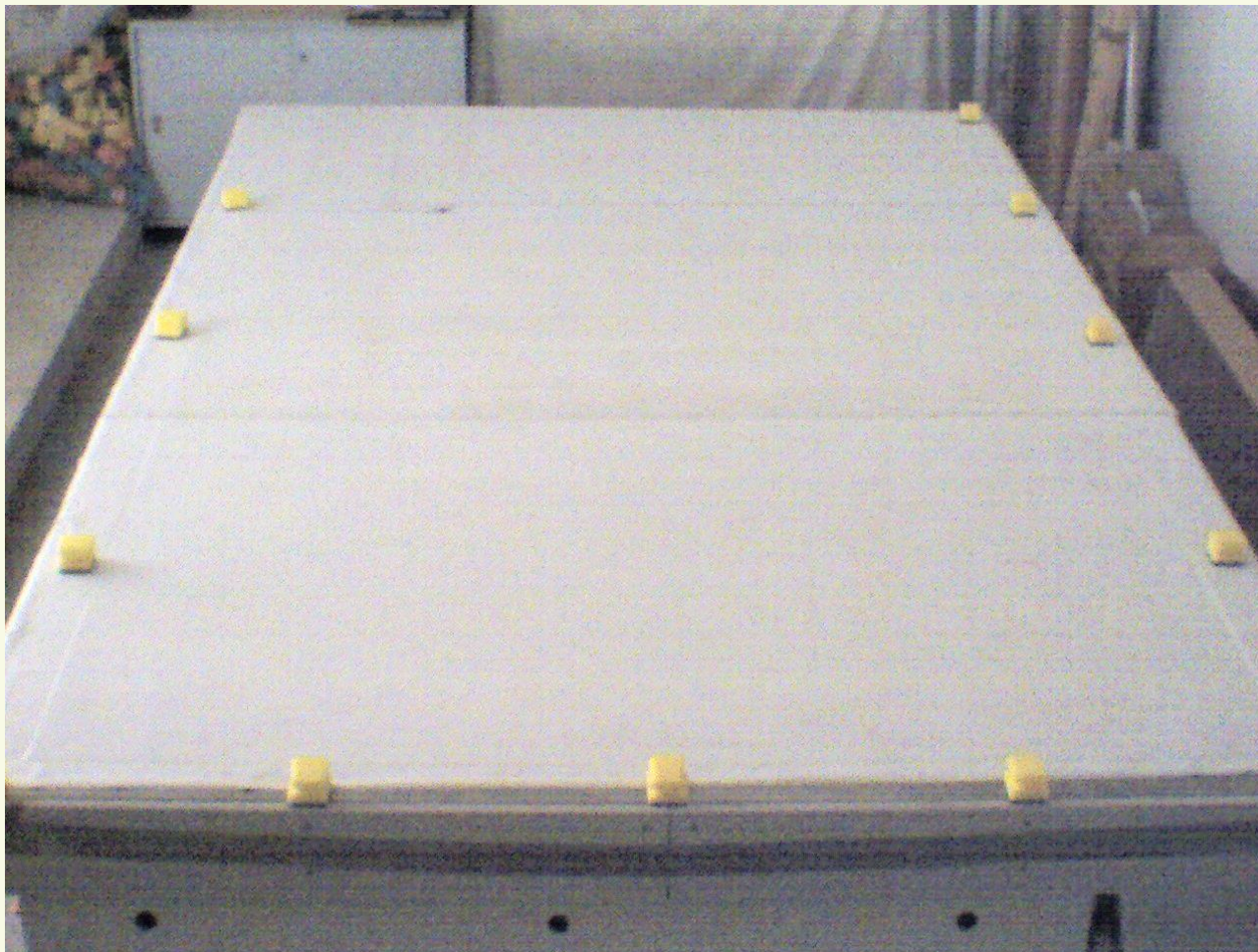
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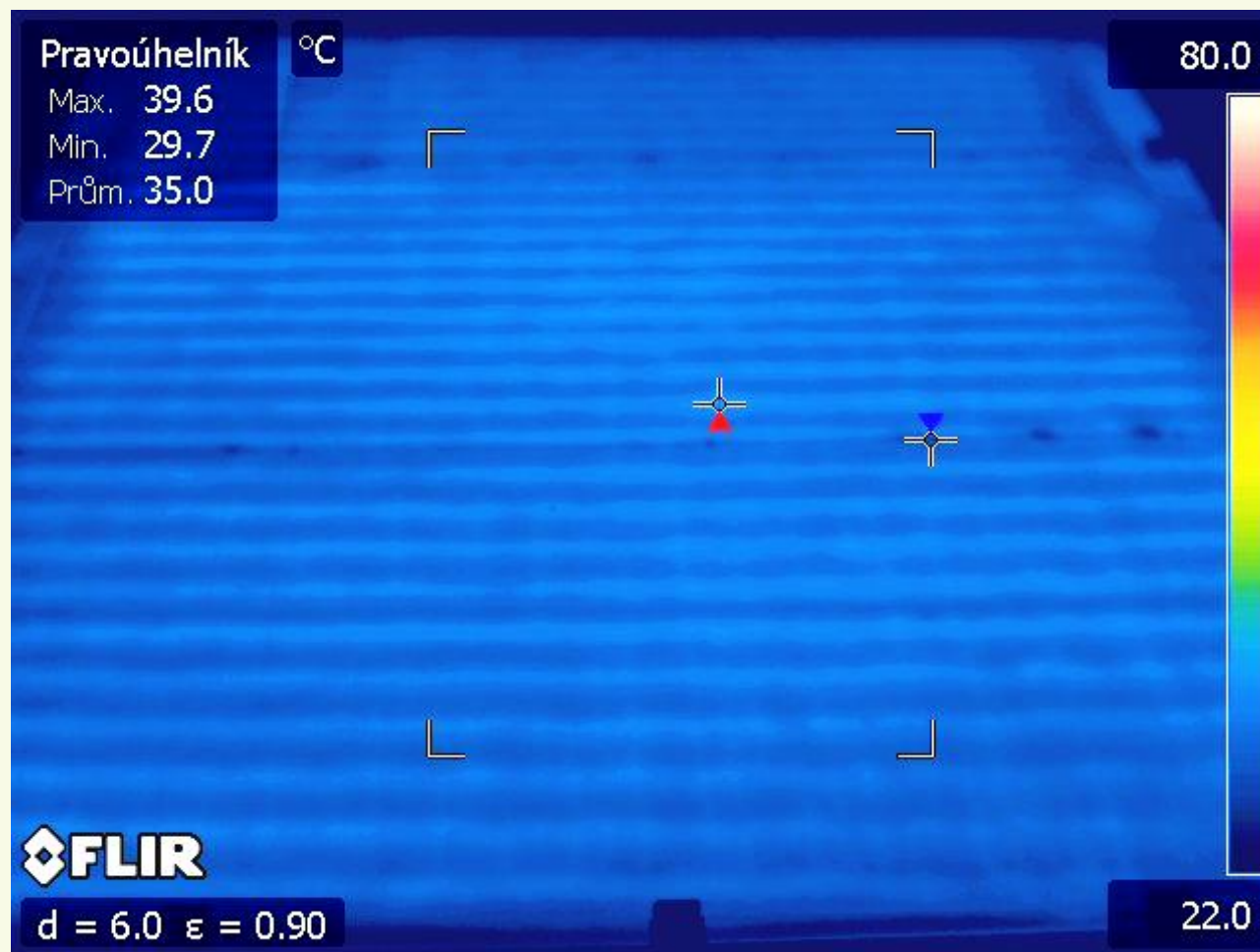
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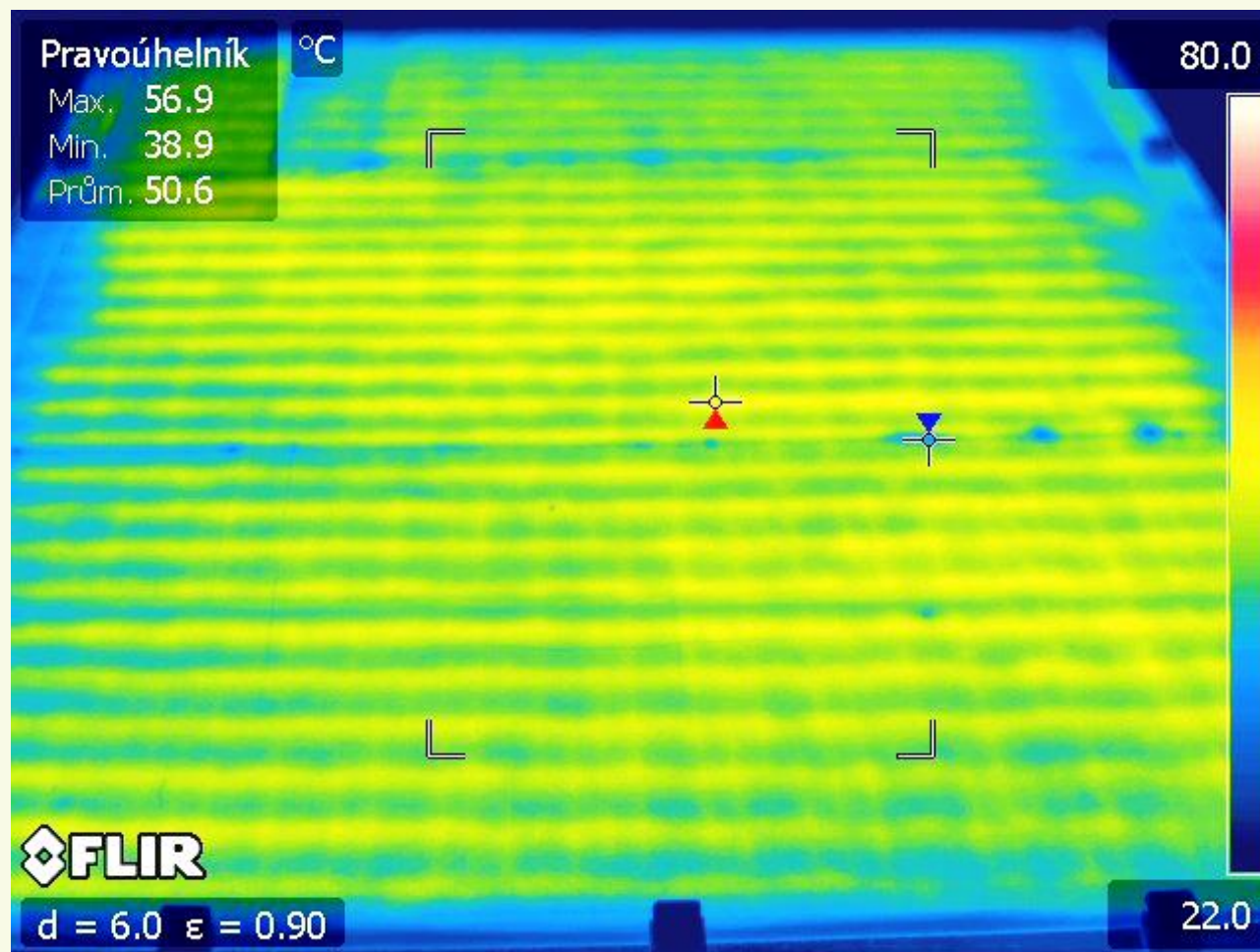
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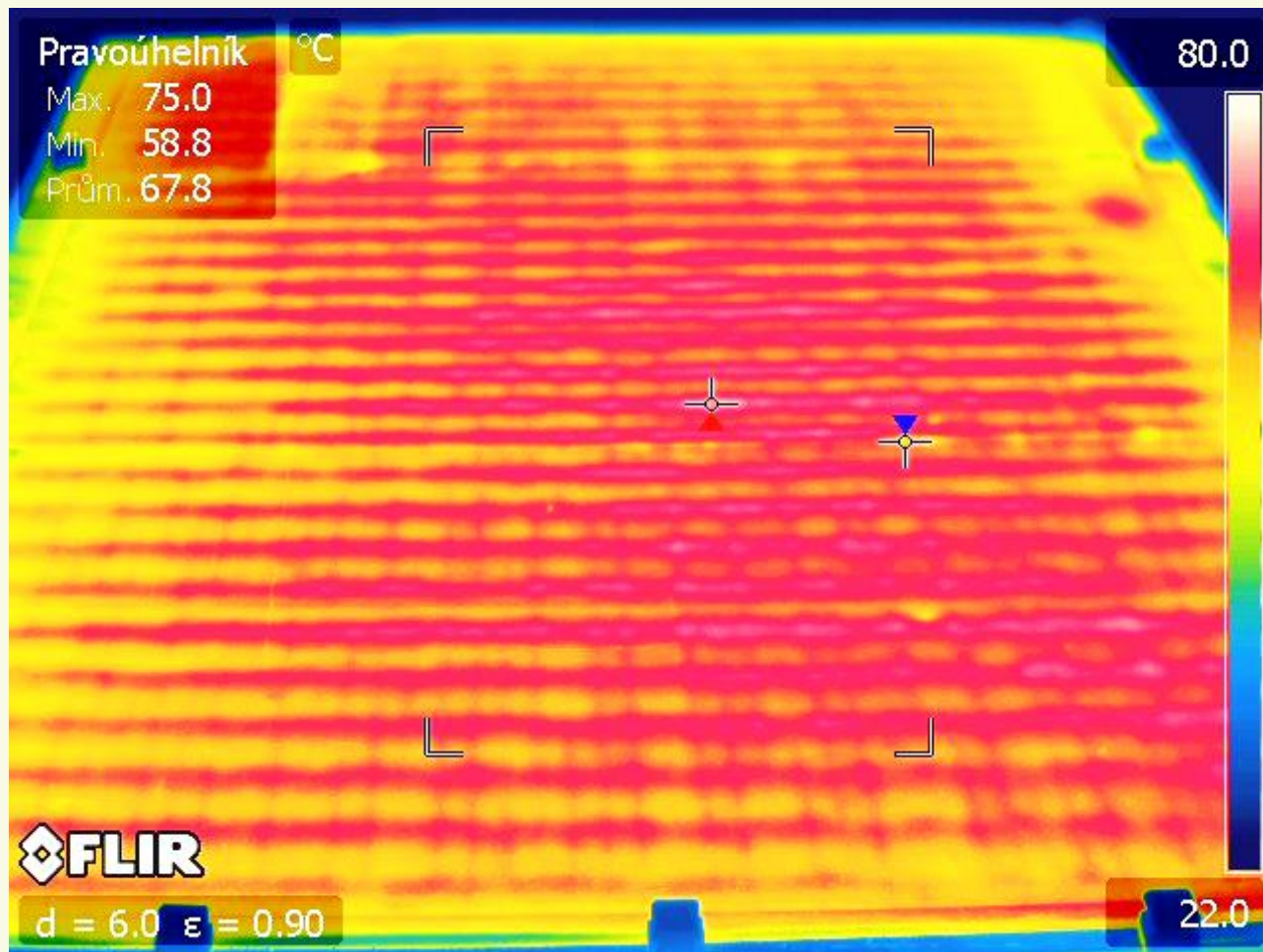
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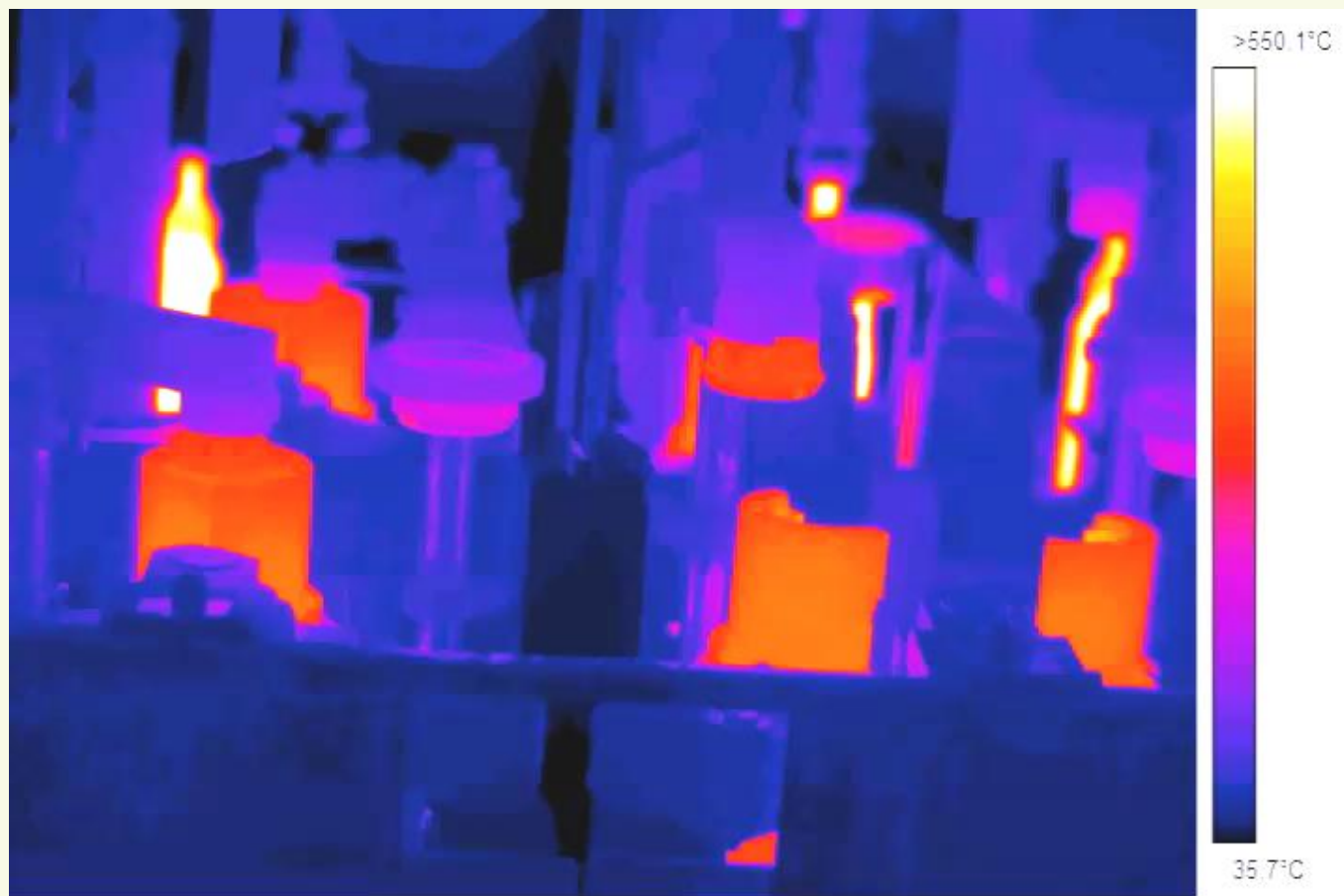


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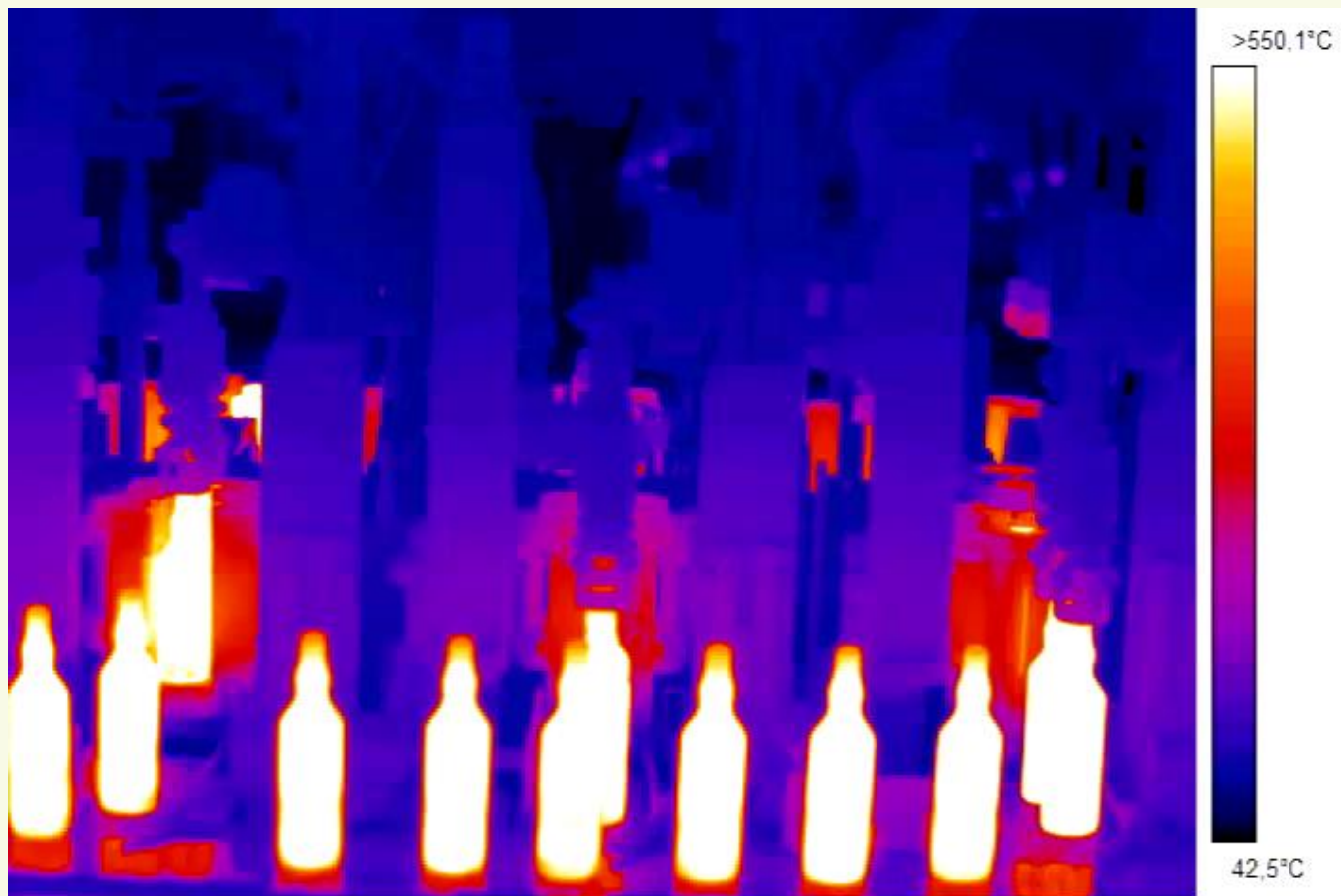


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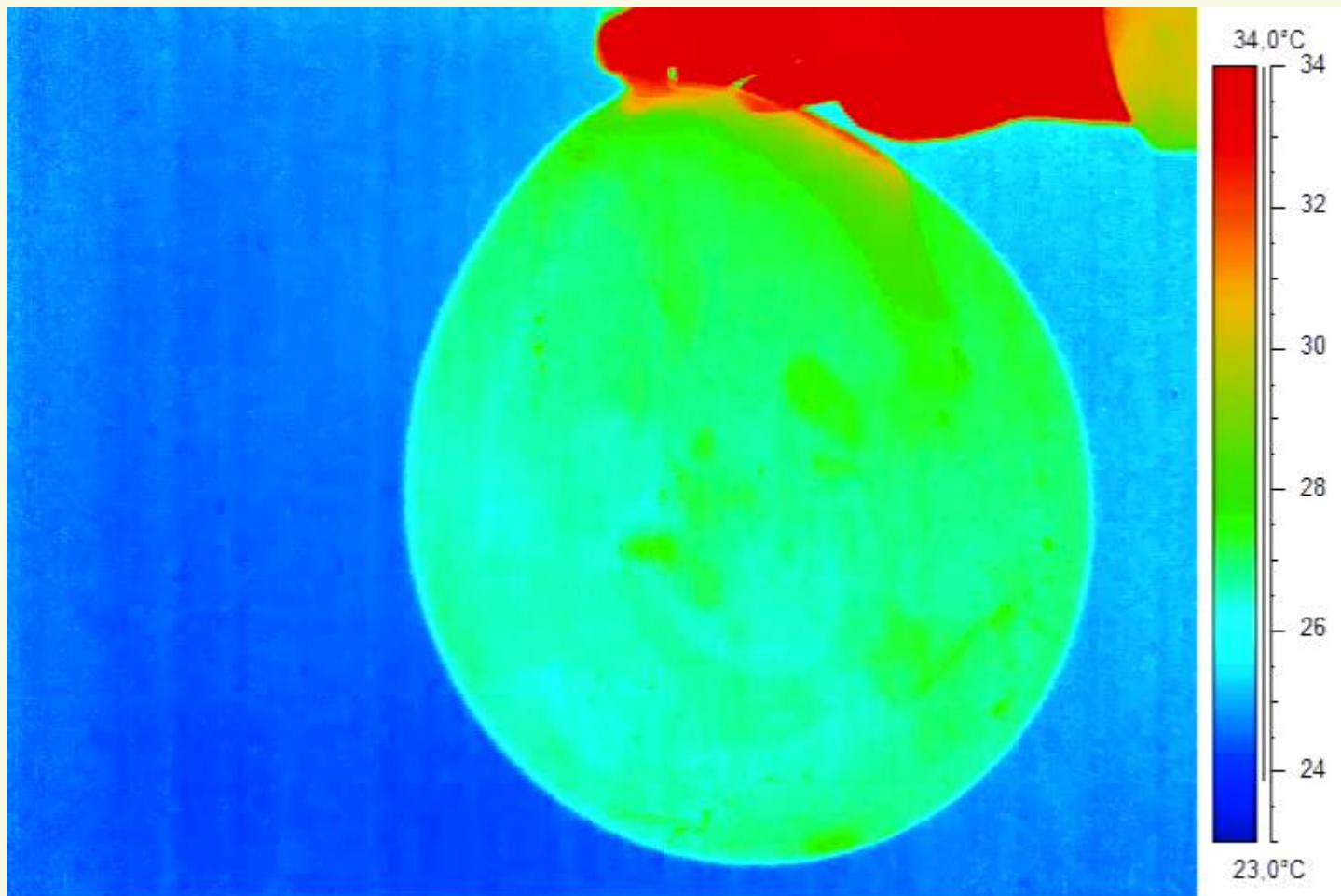
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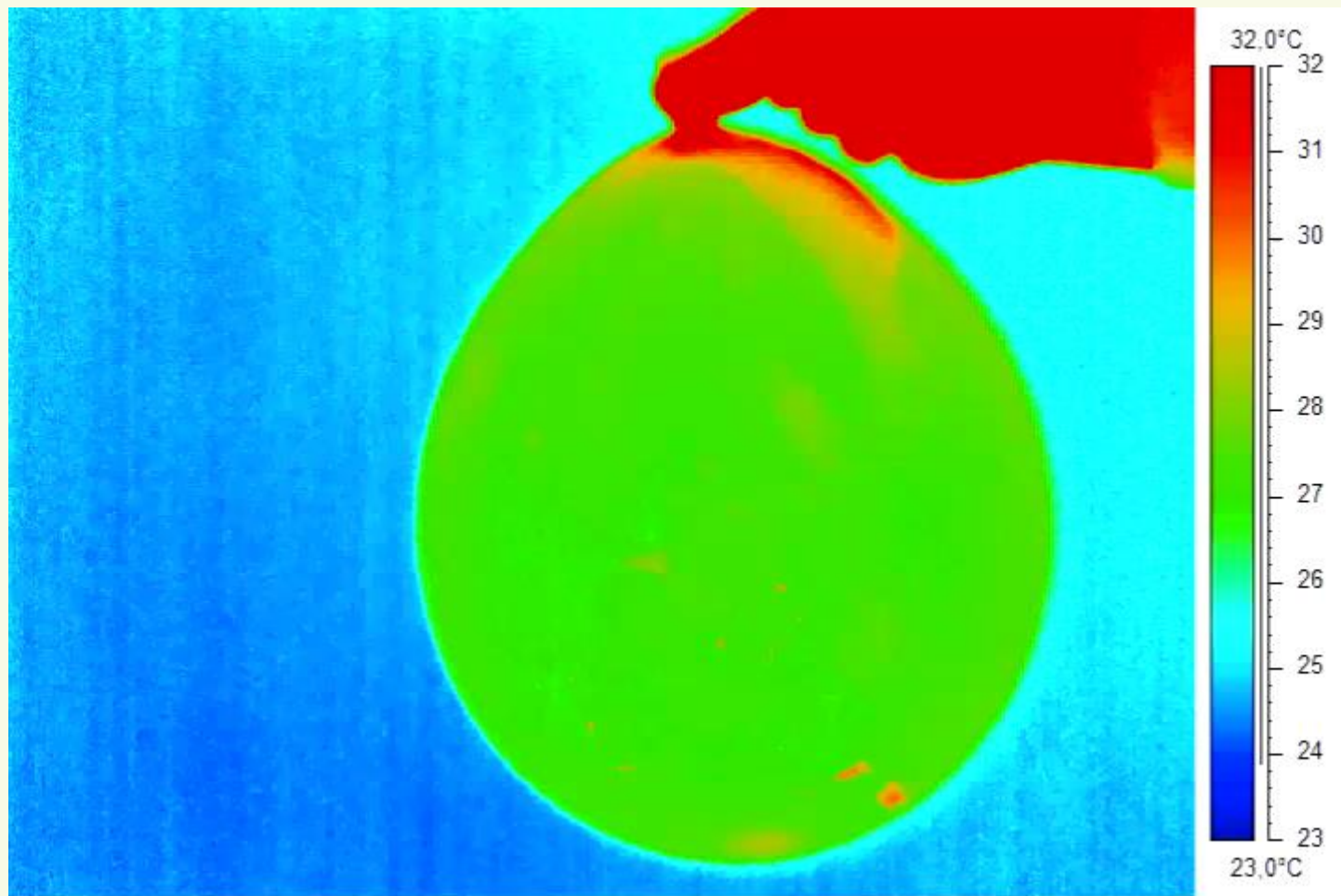


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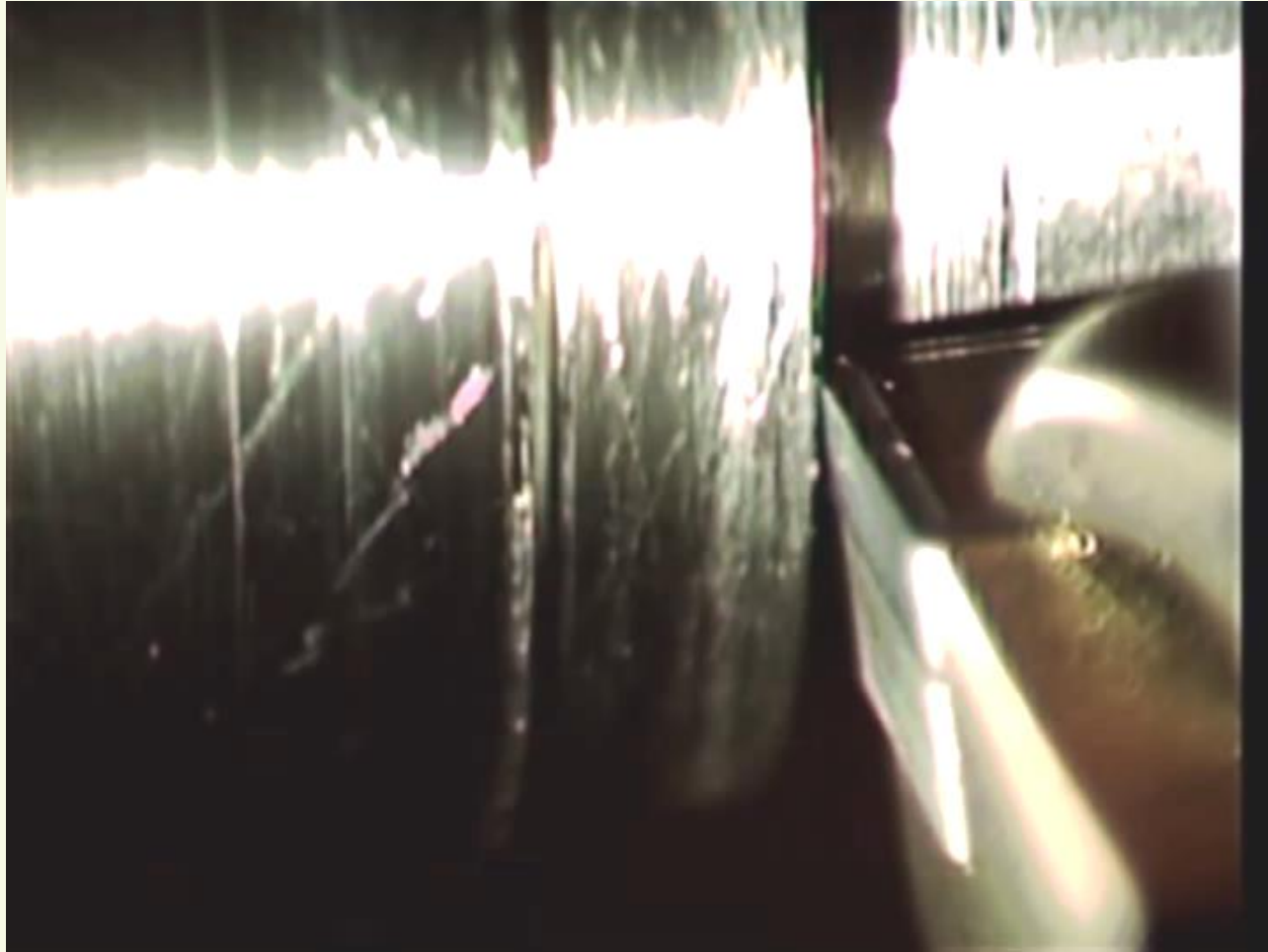
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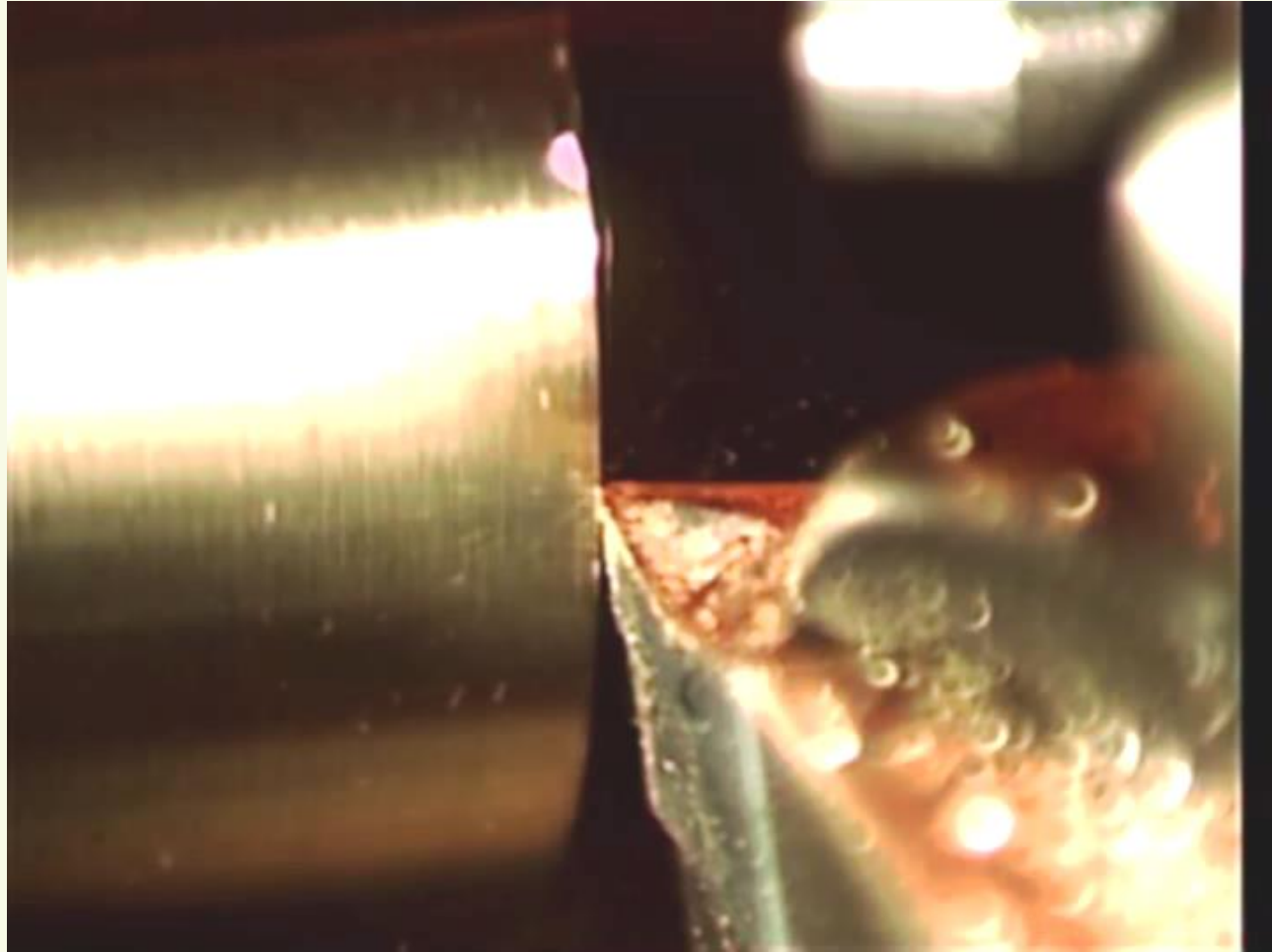
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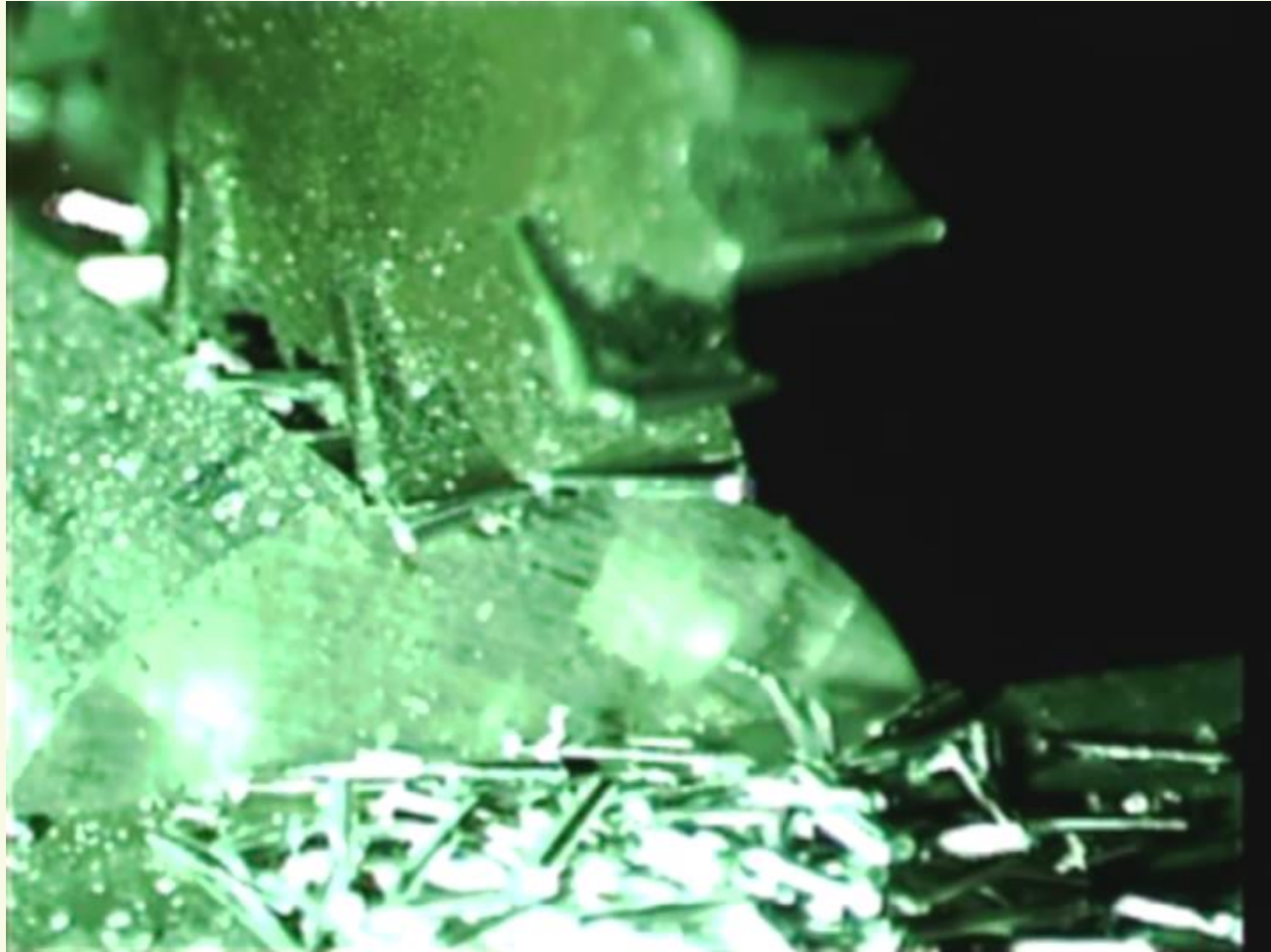
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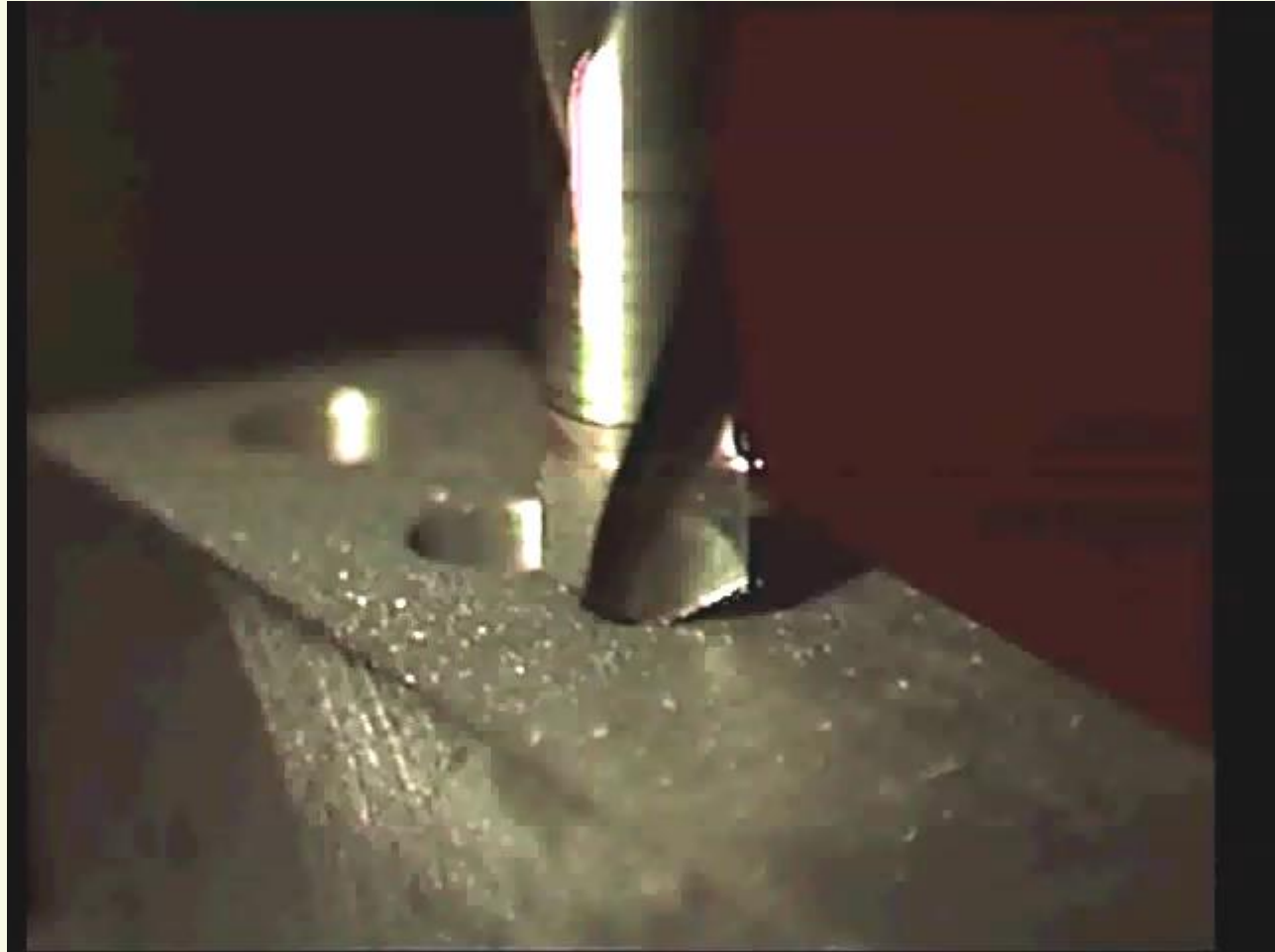
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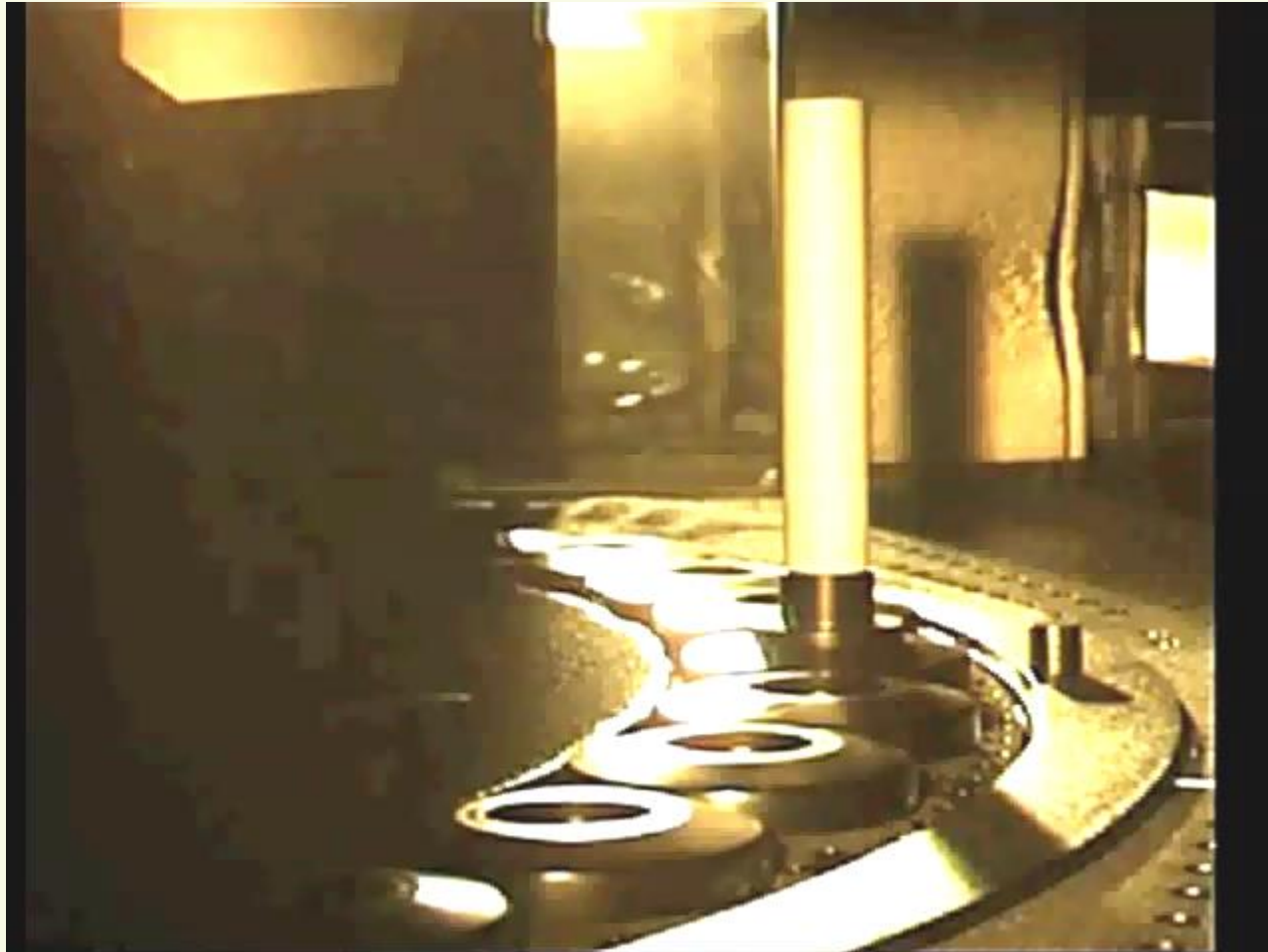
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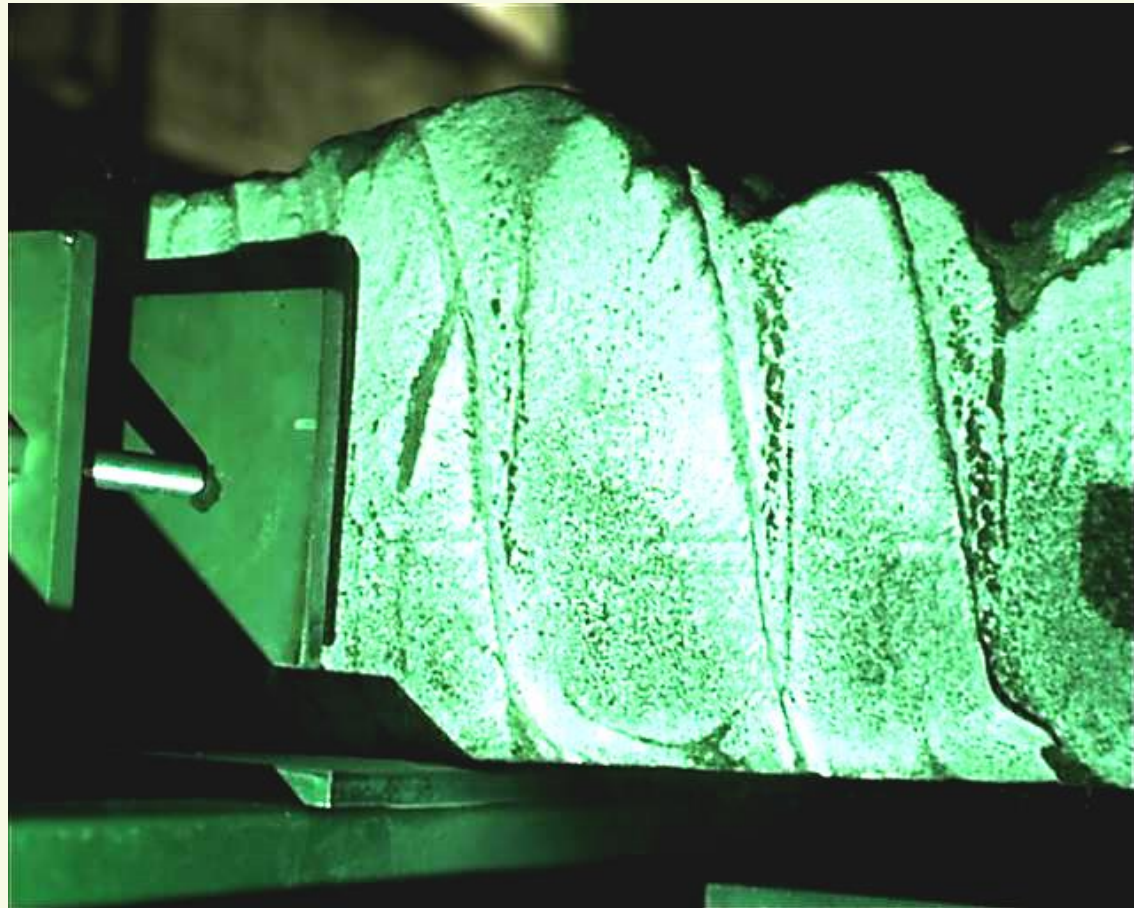
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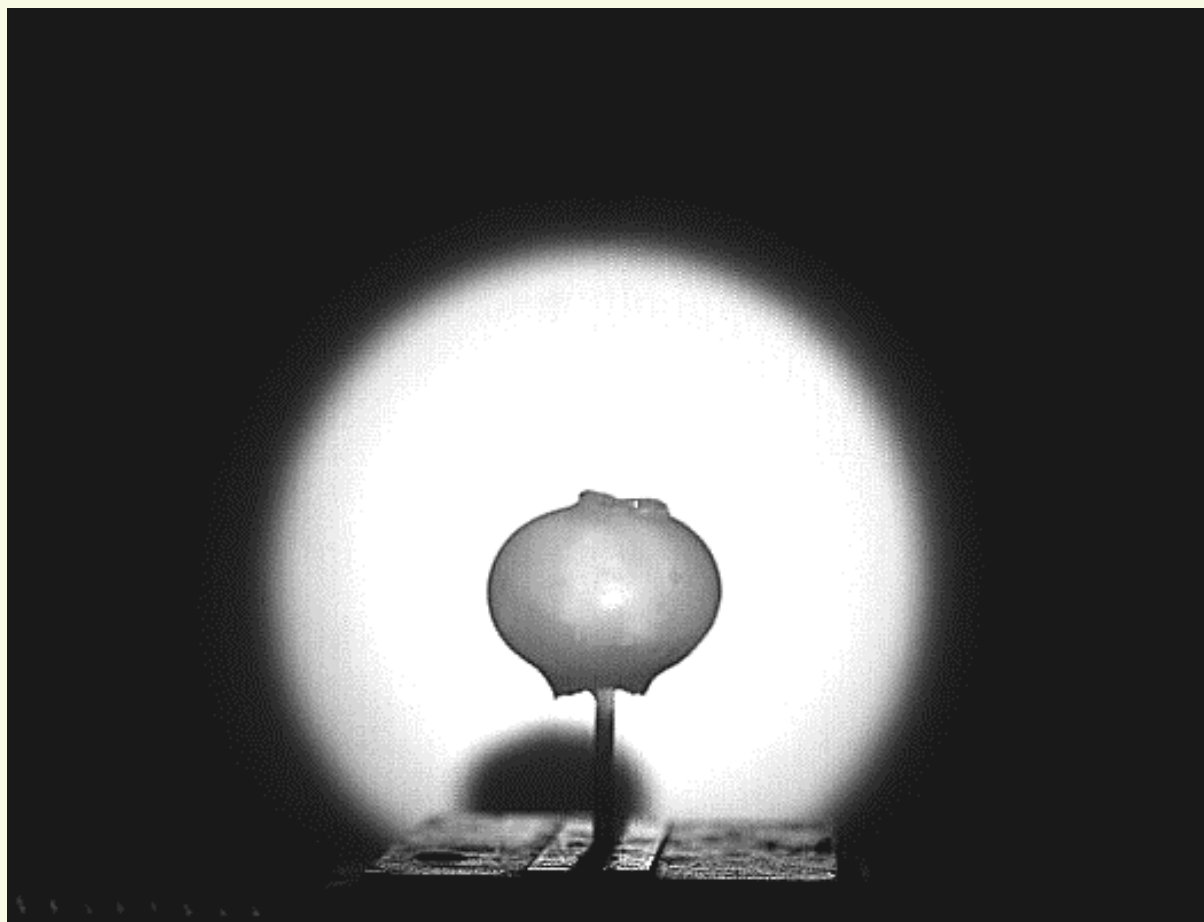
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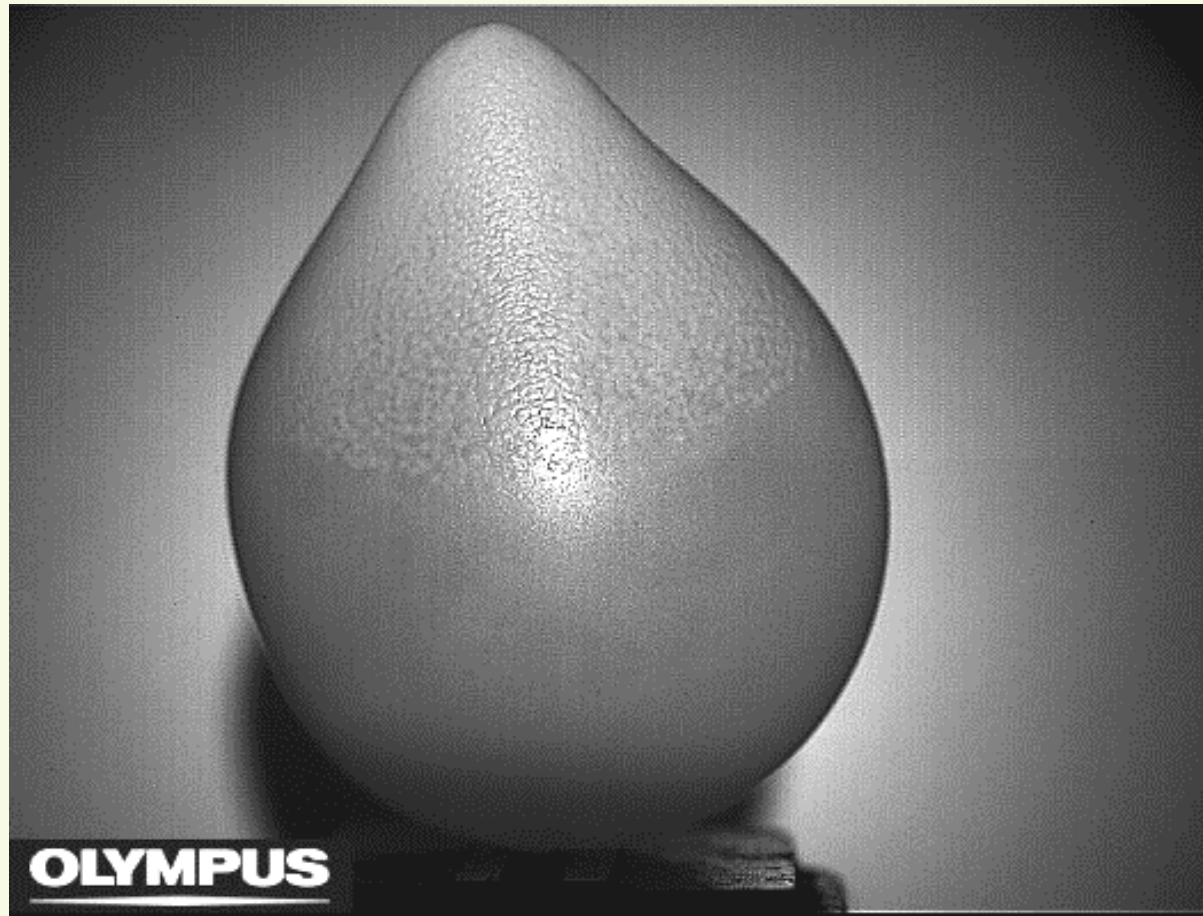
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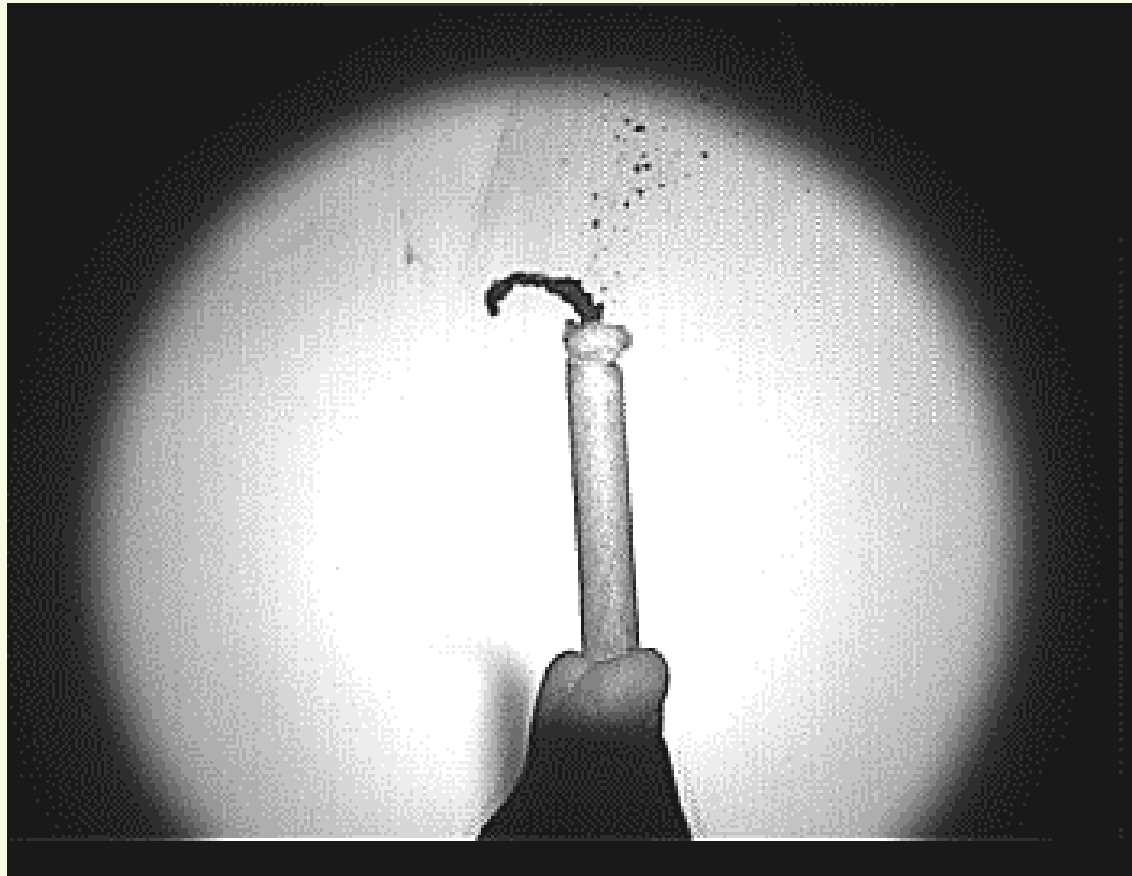
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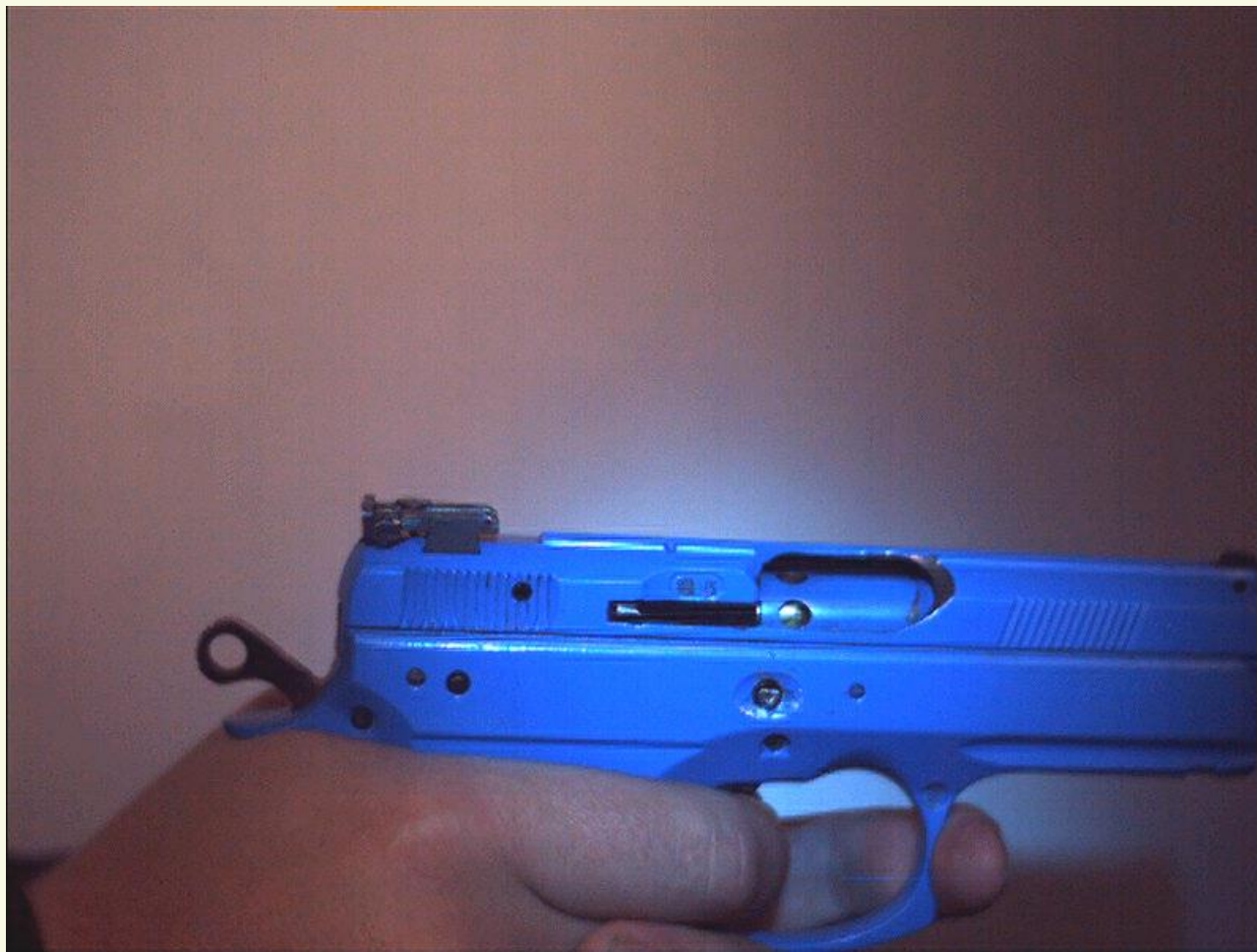
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