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TP IR-RadiationCAM



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I - Surface Observation :

Not painted aluminium surface

Write what do you observe?

What is the disadvantage of such a surface for infrared measurements?

Your answer :

okc'est moi

Black painted aluminium surface

Write what do you observe?

Explain why the measure is more realistic in comparison to the aluminum surface temperature measurement?

Your answer :

hey

Glass surface

Write what do you observe?

Comment on the properties of the glass in the field of the visible and infrared. Do the same by placing this time, the thin PVC sheet. What do you observe compared to the previous experience?

Your answer :

dfgbvdfg



II - Contact temperature calculation :

Watch video and record temperatures

Write what do you observe?

Your answer :

ok

IR T foam : ok °C

IR T aluminum : ok °C

Using your documents, calculate the temperature of contact between your skin and the foam and between your skin and the aluminum plate considering that samples are at 23 ° C and your skin at 37 ° C.

Your answer :

foam : jjj °C

aluminum : jjj °C

III - Thermal approach of electric phenomena :

Watch video and record temperatures

Write what do you observe?

Your answer :

ok

IR T à 6V : ok °C

IR T à 12V : ok °C



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Knowing that the bulb is composed of a glass, a filament and a gas envelope, what is the temperature element of the bulb you measure?

CONCLUSION :

jjj

