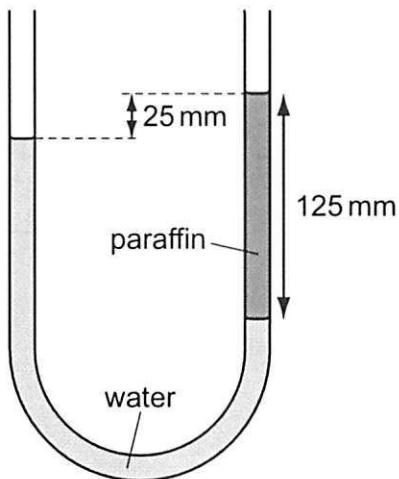


13 Paraffin floats on water. Some paraffin is poured into one arm of a U-tube containing water.

The diagram below shows a difference of 25 mm in the surface levels of the water and paraffin in the two arms. The length of the paraffin column in the tube is 125 mm.



A small volume of paraffin is added to the right-hand arm increasing the length of the paraffin column in the tube to 150 mm.

What is the new difference between the surface levels of the water and paraffin in the two arms?

- A 25 mm
- B 30 mm
- C 38 mm
- D 50 mm