

Water parabola

What does the red dot on the container filled with the blue liquid mark?



Use the black knob to change the rotational frequency of the thin container filled with the blue liquid.

Can you think of a point that lies on the parabola at any speed?

With increasing speed, the curvature of the liquid takes on a noticeable parabolic shape.

You can find the point that lies on the parabola at any speed on the container.