

EXPERIMENT

Nozzle diameter	1,69 mm
Distance to obstacle	240 mm

	H ₂ release time/deley								
Experiment nr									
Prepare oscilloscope Sefram and Pico, and camera for the trigger									
Pulse generator Arduino:									
<u>1: Oscilloscope Pico</u>	Duration: Trigger puls								
	Delay: sec								
<u>2: Valve</u>	Duration: sec								
	Delay: sec								
<u>3: High-speed camera</u> 10 000 fps 1024x1024 resolution	Duration: Trigger puls								
	Delay: sec								
<u>4: Ignition</u>	Duration: 0,2 s								
	Delay: sec								
Read the pressure at the bottle [bar]									
Set the oscilloscopes to waiting for the trigger									
Set the camera to record (waiting for trigger)									
Turn of the light in the lab									
Set the alarm on									
Start pulse generator									
END of experiment									
Close H2 bottle									
Read the pressure at PT2 [bar]									
Distance from the nozzle [cm]									
Ignition position									

Save data from:								
Scope Pico								
Name.....								
Camera								
Name.....								

Notater:

