

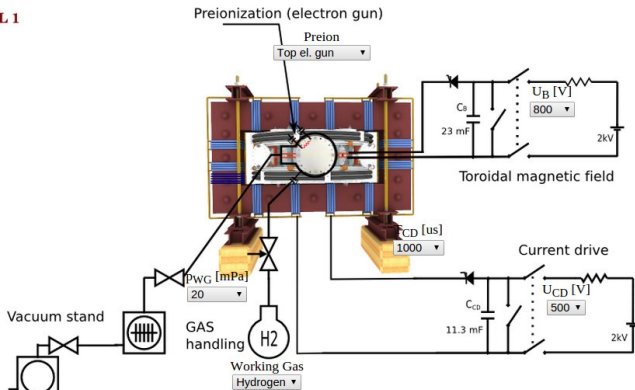
# Remote operation

## Tokamak Golem **\*\*REMOTE\*\*** for PROMO (Level I)

The smallest & oldest operational tokamak with the biggest control room in the world



### LEVEL 1



Default discharge setup

Place the discharge setup into the queue

Note: We use cookies to record last set parameters in your browser to simplify parameter scans.



## Diagnostics

- ✓ Interferometer
- ✓ Spectrometer
- ✗ FastCamera
- ✓ HXR

## Analysis

- ✓ ShotHomepage

## DAS

- ✓ TektronixDPO
- ✓ Nlstandard
- ✓ Papouch\_St
- ✓ Papouch\_Ko
- ✓ Nlcoctopus

## Vacuum log

## Other

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# Tokamak GOLEM - Shot Database - 22471

**Date:** 2016-09-29 - 14:33:57  
**Session:** TrainingCourses/Universities/Uni\_Belgrade.rs/2016/  
**Comment:** Standard discharge

## Basic parameters: (compare)

- Gas pressure  $p_{ch}$ : 0.42 → 20.39 mPa (request: 20 mPa) [WIKI](#)
- Working gas: H
- Preionization: Upper el. gun
- Chamber temperature: 27.20 C
- $C_B$  capacitors charged to: 800 V, triggered 5.0 ms [WIKI](#)
- $C_{BD}$  capacitors charged to: 0 V, triggered 5.0 ms [WIKI](#)
- $C_{CD}$  capacitors charged to: 400 V, triggered 6.0 ms [WIKI](#)
- $C_{ST}$  capacitors charged to: 0 V, triggered 5.0 ms [WIKI](#)
- Probability of breakdown: 85% [WIKI](#)
- Time since session beginning: 0:07:50 h

## Plasma parameters:

- Plasma life time 14.8 [ms] (from 7.8 to 22.6)
- Mean toroidal magnetic field  $B_t$ : 0.23 T [WIKI](#)
- Mean plasma current: 3.60 kA [WIKI](#)
- Mean Uloop: 5.92 V [WIKI](#)
- Break down voltage: 9.6 V [WIKI](#)
- Ohmic heating power: 21.33 kW
- Q edge: 2.9 [WIKI](#)
- Electron temperature: 41.1 eV [WIKI](#)
- Line electron density: 5.52 [ $10^{17} \text{m}^{-2}$ ] [WIKI](#)

