H/D ratio

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1. **Purpose / Application**

   [1] Monitoring H/D influx ratio

2. **Name of analysis (Kaiseki) data / module of MyView2**

   ha3

3. **General Description (Port, field line, time resolution, spatial resolution, number of channels, etc.)**

   Visible spectrometer having f = 15 cm and 1800 lines/mm grating

   Resolved Hα and Dα line profiles

   Time resolution: 25 ms (exposure time: 15 ms)

   Observation area: single line-of-sight at 10-O (see Fig. 1)
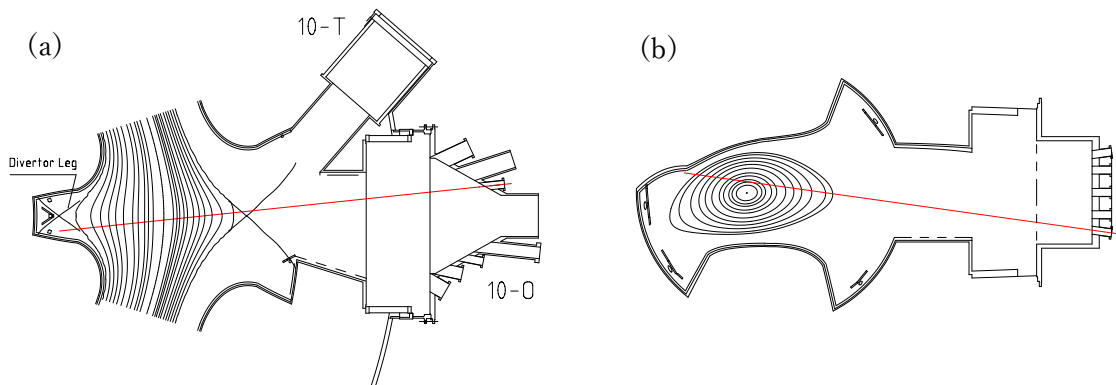

Figure 1 Top (a) and side (b) views of the line-of-sight for the H/D ratio measurement.

4. **Requirement in use**

   The trigger setting is necessary following changes in the discharge sequence settings.

5. **Description of analysis (Kaiseki) data / module of MyView2**

   # DimNo = 1

   # DimName = 'Time'

   # DimSize = 400

   # DimUnit = 's'

   #

   # ValNo = 3

ValName = 'Halpha', 'Dalpha', 'D/(H+D)'
ValUnit = 'arb', 'arb', 'None'
#
[Comments]
Halpha: 656.3 nm, Dalpha: 656.0 nm

6. Others

Nothing special.

References

No published literature.