

Namelist "Probe_Location"

These data define the position of each probe on the domain by means of a coordinate system (X_i, X_j, X_k) related to the geometry chosen (cartesian or cylindrical configuration, see the namelist "Geometric_Layout").

Full data set of the namelist

```
&Probe_Location  Xi=-0.50 , Xj= 0.0 , Xk= 0.0 /  
&Probe_Location  Xi=-0.70 , Xj= 0.2 , Xk= 0.0 /  
&Probe_Location  Xi=-0.80 , Xj= 0.03, Xk= 0.4 /
```



- You also need to set the quantities you want to monitor in the namelist "Probe_Quantities_Enabled" and the field Probe_Recording_Rate in the namelist "Simulation_Management"
- The coordinates are related to the geometry chosen (cartesian or cylindrical configuration, see the namelist "Geometric_Layout").
- The number of probes is limited at 39 by default on the whole computational domain. When the simulation is performed with a MPI domain decomposition approach, this limit is valid for each MPI subdomain.

Definition of the data set

X_i

- Type : Real value
- Coordinate of the probe along the I-direction.

X_j

- Type : Real value
- Coordinate of the probe along the J-direction.

X_k

- Type : Real value
- Coordinate of the probe along the K-direction.

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