

Command:SETHOME (HM)

MS2000 or RM2000 syntax

Shortcut	HM
Format	HM [axis]=[position in mm]...
Units	Millimeter
Remembered	Automatically
Required MS2000 Firmware Version	8.0+

Tiger syntax

Shortcut	HM
Format	HM [axis]=[position in mm]...
Units	Millimeter
Type	Axis-Specific
Remembered	Automatically

This command sets/displays a fixed hardware HOME location for an axis in units of millimeters. The HOME position is considered a fixed hardware location and is adjusted properly when the controller's coordinate system is altered with the HERE or ZERO function. The HOME position is automatically remembered and recalled through a power cycle and does not need to be saved using the [SAVESET command](#). The home position defaults to a large positive number far exceeding the mechanical limits of the system, or else with the upper limit for DAC devices including piezos, micro-mirror, and tunable lenses.

HM [axis]+ will set the home position to be the current position. Restore the default home position by executing HM [axis]-.

Reply

If there are no errors, a reply of :A is returned.

Example

```
HM X?  
:A X=1000.000
```

In the above example the default location for the HOME position for the X-axis is returned.

[commands](#), [tiger](#), [ms2000](#)

From:

<https://asiimaging.com/docs/> - **Applied Scientific Instrumentation**

Permanent link:

<https://asiimaging.com/docs/commands/sethome>

Last update: **2025/03/31 15:12**

