

**qput**

<p><i>This command is specific to...</i>  <i>PC + Quantimet 520 greystore</i></p>
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<b>keys:</b>	<b>[from]</b>	<b>&lt;number&gt;</b>	source Semper picture
	<b>name</b>	<b>'&lt;text&gt;'</b>	output image file (Quantimet 520 format)
<b>options:</b>	<b>new</b>		over-write existing Quantimet 520 disc file

Use **qput** to write a Semper picture to a disc file in Quantimet 520 format.

**Examples**

```
qput name '520PIC' from 3
```

This command writes Semper picture 3 out to a Quantimet 520 format disc file called *520PIC.IMG*.

```
qput 3 name '520PIC.IMG'
```

This command is identical in effect to the command example given above.

```
qput name '520PIC' from 3 new
```

This command writes Semper picture 3 out to a Quantimet 520 format disc file called *520PIC.IMG*. The **new** option allows an existing file with the name *520PIC.IMG* to be overwritten.

**Description**

If you do not specify a filename using the **name** key, Semper prompts for a name. Note that the file extension defaults to *.IMG* but you can specify other extensions explicitly. The **new** option allows you to overwrite an existing file of the same name.

Complex, floating point and integer Semper pictures are first scaled to have the range 0 to 255 before being converted to Quantimet 520 format. Byte form pictures are not scaled. Note that a Quantimet image that is derived from a complex form Semper picture may not have data over the entire range of 0 to 255. Although Semper scales the data so that values that correspond to the maximum real or imaginary value are mapped to 255 and values corresponding to the minimum real or imaginary values are mapped to 0, only the *real* part is contained in the Quantimet 520 format image.

**Notes**

see also: **qget**

## Semper 6 Command Reference

# qput

### Defaults and Ranges

keys/options	defaults	range
[from]	current picture, held in the variable <i>select</i>	valid picture number
name	<i>none</i> ; if you do not specify a name, Semper prompts for a filename	valid filename