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**Subject:** FW: Oscillator requirements

**From:** "Devey, Andrew" <adevey@ichorsystems.com>

**Date:** Mon, Jun 10, 2019 11:21 am

**To:** Kevin Thompson <kevin@thompsonengineering.net>

**Cc:** "Krishnan, Surekha" <surekha.krishnan@ichorsystems.com>, "Tsoi, Max" <mtsoi@ichorsystems.com>

Kevin,

Here are the requirements we discussed for the Oscillator third motor. We will fold into an addendum or rev change to the SRS.

Note this third motor could also double as a seam tracker motor, but that's later on down the road.

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**From:** Krishnan, Surekha <surekha.krishnan@ichorsystems.com>

**Sent:** Monday, June 10, 2019 10:59 AM

**To:** Devey, Andrew <adevey@ichorsystems.com>

**Cc:** Tsoi, Max <mtsoi@ichorsystems.com>

**Subject:** Oscillator requirements

The requirements for oscillator are given below:

Is it apt to give the link of miller oscillator to Kevin?

Your comments please.

**Oscillator:**

The torch should move sideways at a certain frequency and amplitude.

Range of frequency 0.2-5 Hz in increments of 0.2 HZ

Range of amplitude -0.03 - .19 in (0.9-5 mm) in increments of 0.01 in

[https://www.millerwelds.com/files/owners-manuals/o-mo-150-5a\\_jet.pdf](https://www.millerwelds.com/files/owners-manuals/o-mo-150-5a_jet.pdf)

This link can be referred to for further information.

Regards

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