

Swift

March 2, 68

Dear Josh:

I packed up the UV vidicon
this morning and arranged to have it
sent on to you. I couldn't do it
myself, since I had to catch a
plane this noon. I hope the tube
arrives safely, and does what you
want it to. There is a small scratch
or crack on the face. I bought
the tube 4 years ago, and I don't
know how it differs from more recent
models. I also packed the spec sheet
with the tube in case you wish it.

The best UV optics for
high magnification work are undoubtedly
the new Zeiss (western Germany) neofluar
lenses recently designed for

SWIFT
P.H.

Cospersson's ultramicrospectrograph.

The glycerine immersion 0.85 NA objective is now obtainable, and there will be one at NA 1.25 ready soon according to Dr. Michel at Zeiss. These are achromats — supposedly color corrected from 240 to 600 $\mu\mu$ — and thus useable with continuous sources such as Xenon arcs.

I have only seen one B+L intensifier tube in operation. The image quality was poor, and the screen size is small. I don't know how well they can be made to perform.

If you decide to send my vidicon to the moon please let me know,

Cardially,
Heuser