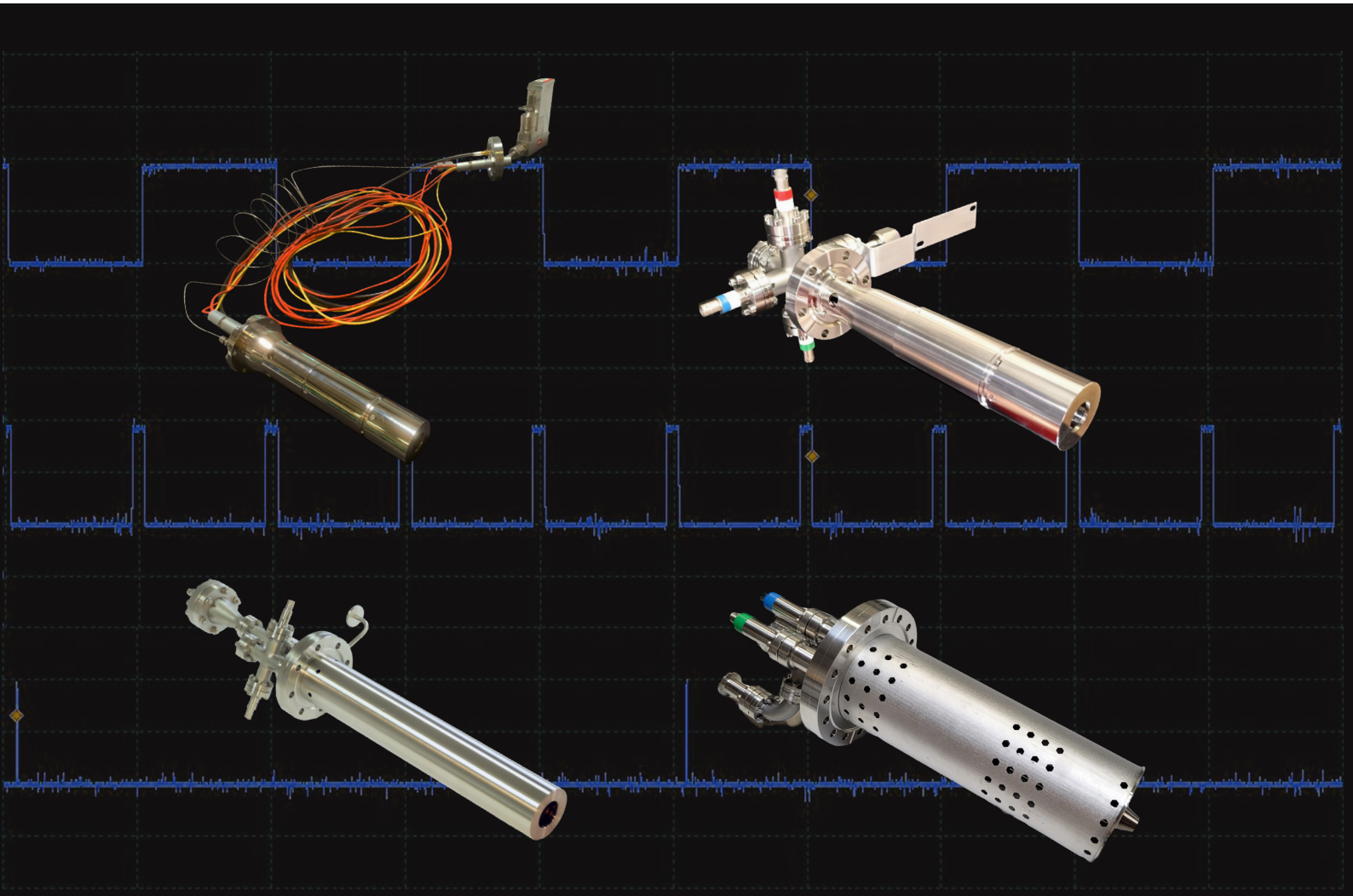
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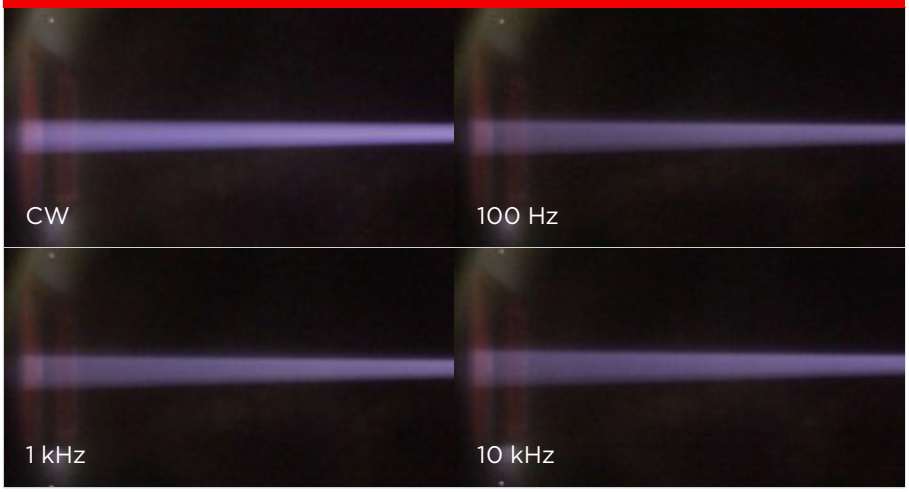
FREQUENCY CONTROL

Easy control of the pulsed mode up to 10 kHz: 5.0 kV duty cycle 1/2

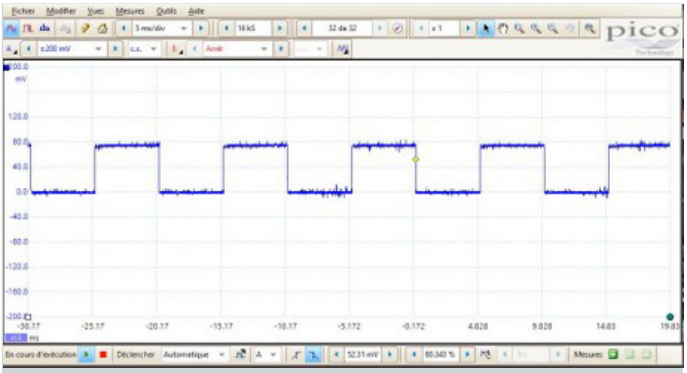
Example: Ar^+ extraction at 5 kV, 1 mm extraction

SOURCE PARAMETERS	
Pressure (mbar)	1E-5
HF Power (W)	4.8
U_{beam} (kV)	5
U_{focus} (kV)	4.5
U_{Einzel} (kV)	3.6
I_{beam} (µA)	21.3

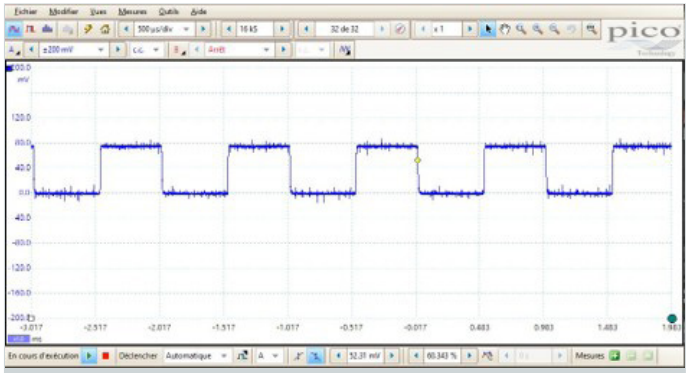
BEAM SHAPES



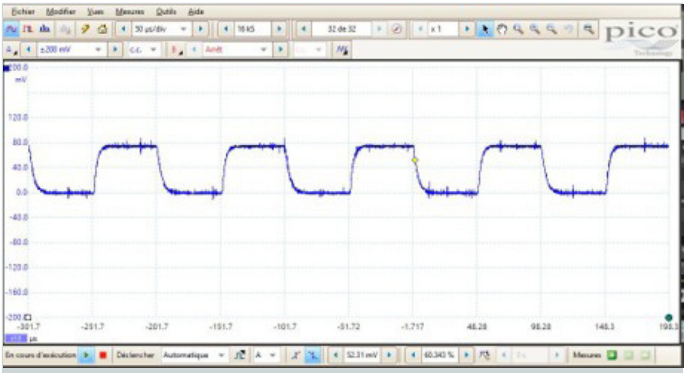
PULSED MODE ACQUISITION



100 Hz



1 kHz



10 kHz

These data are examples and are not the only possible applications with our source.
Actual working point/data on system delivered may be different depending on user's environment.

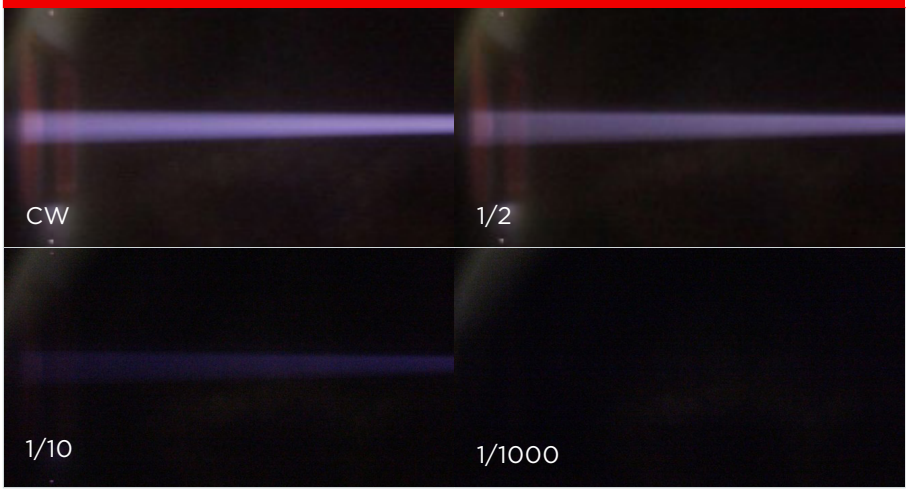
DUTY CYCLE CONTROL

Easy control of the pulsed mode up to 10 kHz: 5.0 kV duty cycle 1/2 - 1/10 – 1/1000

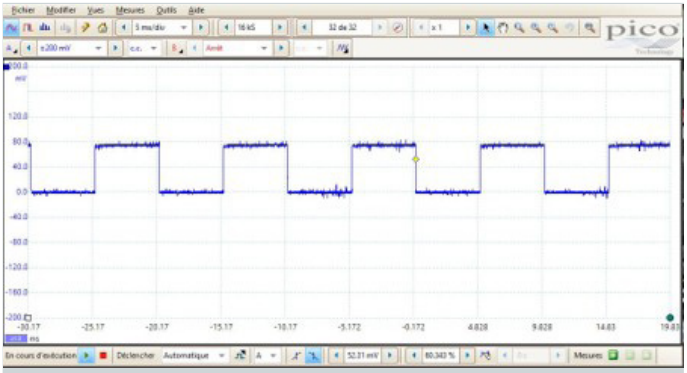
Example: Ar^+ extraction at 5 kV, 1 mm extraction

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HF Power (W)	4.8
U_{beam} (kV)	5
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U_{Einzel} (kV)	3.6
I_{beam} (µA)	21.3

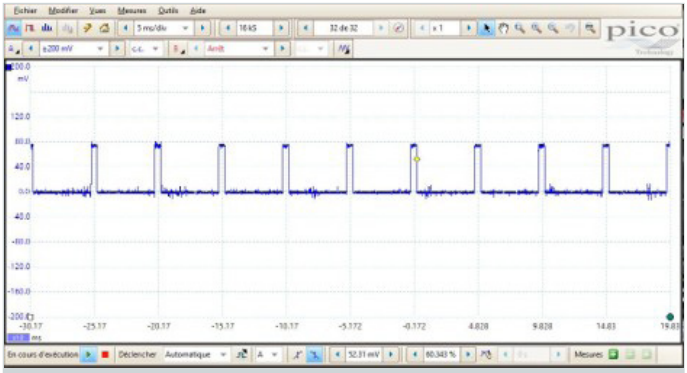
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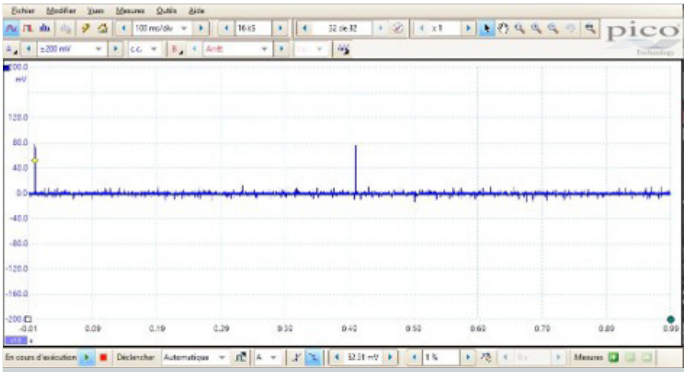
PULSED MODE ACQUISITION



100 Hz 1/2



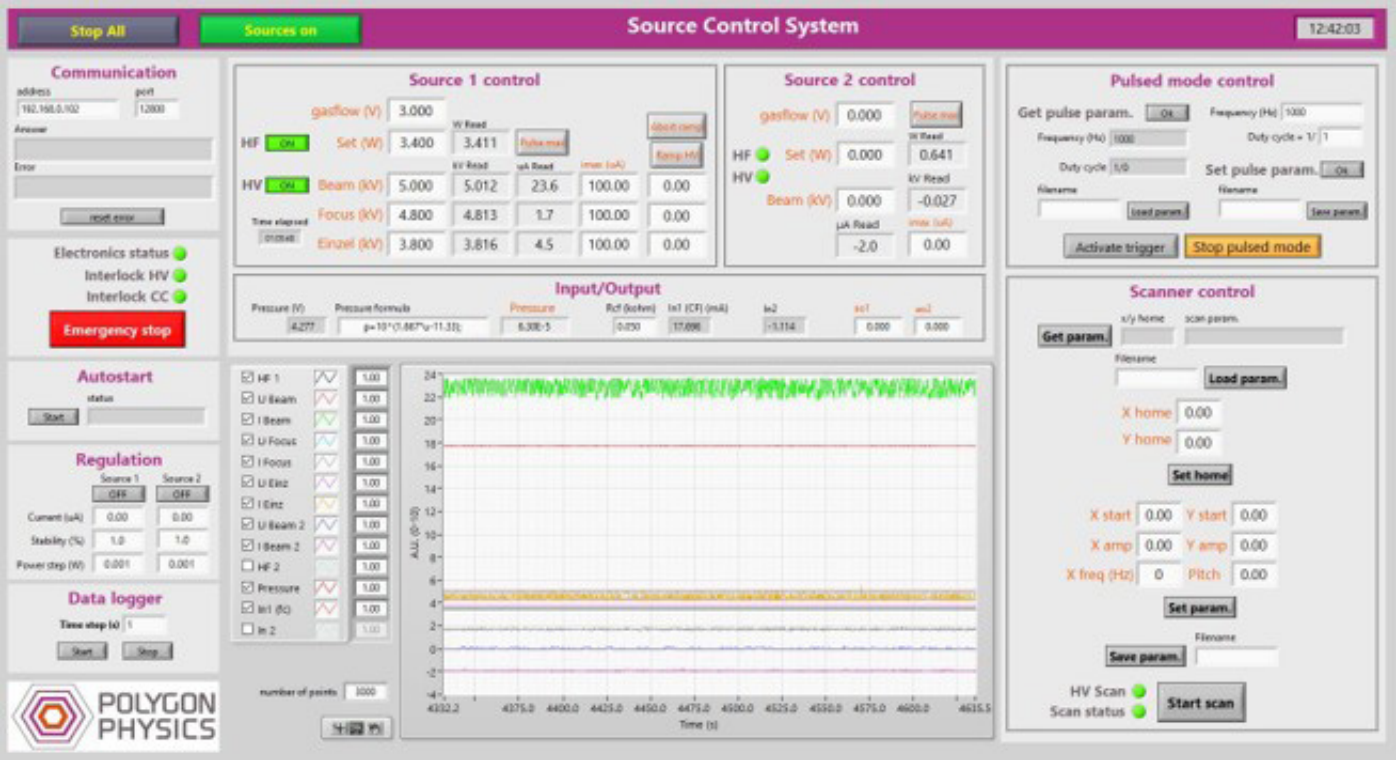
100 Hz 1/10



100 Hz 1/1000

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