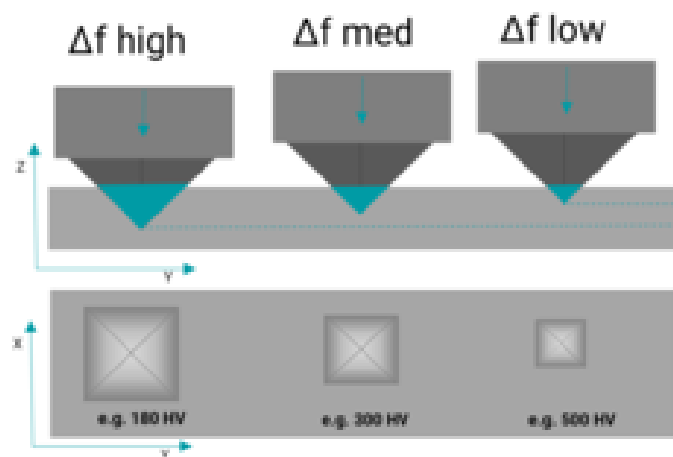
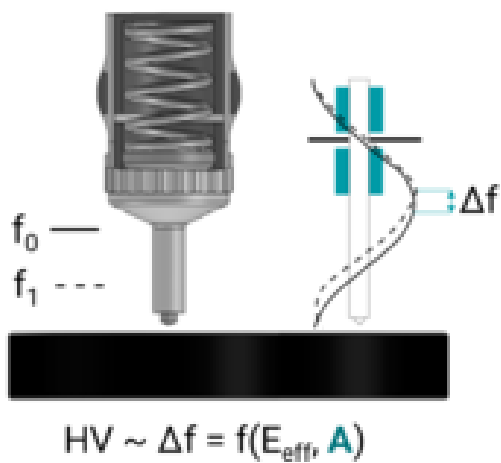
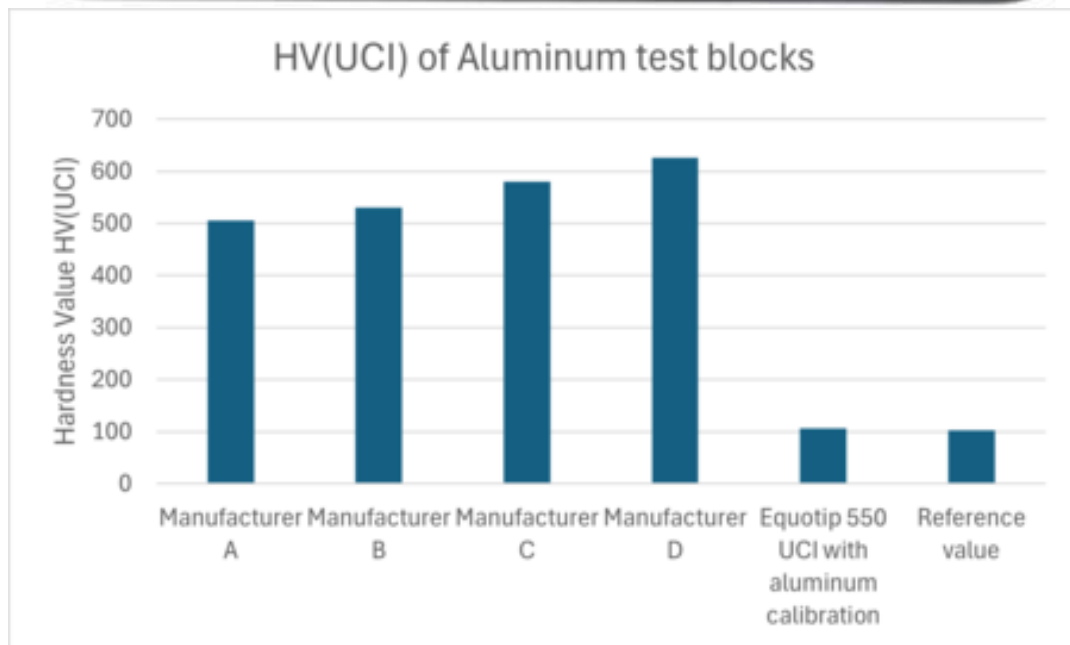


$$HV = \frac{F}{A} = 0,1891 \cdot \frac{F}{d^2}$$



	Stationary (bench top) Vickers	Ultrasonic Contact Impedance
<i>Indenter</i>	Pyramid 136° indenter	Pyramid 136° indenter
Test load	HV1-HV100	HV0.1-HV10
Load application time	10-15s	0.5-2s
Scale	e.g. HV5	e.g. HV5 (UCI)
Computation	$HV = F/A$	$HV \sim \Delta f = f(E_{eff}, A)$
Material dependency	Material-Independent	Material-Dependent!





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