

Offer for lapidary machines and gemological instruments.

Project for a lapidary and gemmological training school.

All machines are in 220V

Updated April 2024

	A Class size 20 students				B Class size 12 students			C Class size 6 students		
	US\$ factory unit price	qty	US\$ total price	Kg weight	qty	US\$ total price	Kg weight	qty	US\$ total price	Kg weight
1 Lapidary machines										
Ultra-Tec faceting machine V5 Digital 220V	5'590.00	20	111'800.00	500	12	67'080.00	300	6	33'540.00	150
Ultra-Tec fantasy machine concave faceting extension for V5	4'498.00	2	8'996.00	50	1	4'498.00	25	1	4'498.00	25
Laps and consumables for Ultra-Tec including lamp	1'457.00	20	29'140.00	120	12	17'484.00	72	6	8'742.00	36
Corrected gemstone loup 10X and gemstone tweezers with lock	44.00	20	880.00	2	12	528.00	1.2	6	264.00	0.6
Pixie cabochon machines 220V	2'450.00	10	24'500.00	170	6	14'700.00	102	3	7'350.00	51
Attachments and freeform carving wheel 4" for Pixie	215.00	2	430.00	2	2	430.00	2	1	215.00	1
Gemstone saw 5" with an ultra fine blade for precious stones 220V	940.00	2	1'880.00	8	2	1'880.00	8	1	940.00	4
Gemstone saw 6" medium blade for semi precious stones 220V	1'016.00	1	1'016.00	15	1	1'016.00	15	1	1'016.00	15
Gemstone drilling machine proxon 220V	1'387.00	2	2'774.00	20	1	1'387.00	10	1	1'387.00	10
Drillbit set 1.0 / 1.2 / 1.5 / 2.0 / 2.5 / 3.0 / 3.5mm	264.50	6	1'587.00	0.6	3	793.50	0.3	2	529.00	0.2
Round brilliant facet diagram plastified	2.00	20	40.00	1	12	24.00	0.6	6	12.00	0.3
Facet diagram books 3 volumes	82.00	20	1'640.00	1	12	984.00	0.6	6	492.00	0.3
Scale gramm and carat battery powered 500 x 0.01gr / 2500 x 0.1c	141.00	1	141.00	0.4	1	141.00	0.4	1	141.00	0.4
Scale gramm and carat battery powered 200 x 0.01gr / 1000 x 0.05	29.00	1	29.00	0.1	1	29.00	0.1	1	29.00	0.1
White stone boxes / pack of 100	65.00	10	650.00	10	6	390.00	6	3	195.00	3
Tumble Vibe TV-5 starter kit with tumbling grit 220V	203.00	2	406.00	10	1	203.00	5	1	203.00	5
Transport cost estimate 14 per Kg			12'741.40	910.1		7'674.80	548.2		4'226.60	301.9
VAT for country of destination		%	0.00			0.00			0.00	
Customs for country of destination		%	0.00			0.00			0.00	
Sub total 1 including VAT customs			198'650.40			119'242.30			63'779.60	
2 Gemological instruments & teaching materials										
Gemological identification sets	1'535.00	10	15'350.00	20	6	9'210.00	12	6	9'210.00	12
Gemological Travellab KA52 by A. Kruess Optronics	8'510.00	1	8'510.00	15	1	8'510.00	15	0	0.00	0
Digital Refractometer RI 1.200 – 3.000	650.00	1	650.00	0.5	1	650.00	0.5	1	650.00	0.5
Microscopes stereo zoom 7 - 45x with darkfield 220V	1'050.00	10	10'500.00	65	6	6'300.00	39	6	6'300.00	39
Desktop polariscopes 220V	261.00	10	2'610.00	10	6	1'566.00	6	3	783.00	3
Digital Caliper battery powered 104mm x 0.01mm	64.00	20	1'280.00	4	12	768.00	2.4	6	384.00	1.2
Digital high precision gemscale 20 x 0.002 gr / 100 x 0.01 ct	74.00	20	1'480.00	6	12	888.00	3.6	6	444.00	1.8
Gemstones of the World by Walter Schumann book	45.00	20	900.00	20	12	540.00	12	6	270.00	6

Bluecharts edition 2022 by Nicolas Hervé Lazzarelli	68.00	20	1'360.00	2	12	816.00	1.2	6	408.00	0.6
Stone presentation trays with 25 stone boxes	60.00	10	600.00	6.5	12	720.00	7.8	6	360.00	3.9
Laptop (*optional either available in shool or teacher private materi:	600.00	1	600.00	4	1	600.00	4	1	600.00	4
Projector (*optional)	450.00	1	450.00	1	1	450.00	1	1	450.00	1
Lazer printer plus toner (*optional)	600.00	1	600.00	5	1	600.00	5	1	600.00	5
Transport cost estimate 14 per Kg			2'226.00	159		1'533.00	109.5		1'092.00	78
VAT for country of destination		%	0.00			0.00			0.00	
Customs for country of destination			0.00			0.00			0.00	
Sub total 2 including VAT and customs			47'116.00			33'151.00			21'551.00	
Grand Total machines and instruments			245'766.00			152'393.00			85'331.00	

3 Safety of workspace

For the safety of the students and for preservation of the equipment, [lapidary instructor training](http://www.noreen.ch/longlapidary.html) is recommended.

To see this equipment in operation visit one of the following training workshops.

Lapidary Training Centre

Mrs. Noreen Masaki
P. O. Box 19668
Dar es Salaam
Tanzania
+255 787 721 761
www.noreen.ch
info@noreen.ch

Free Form Artists

Mr. Hubert Heldner
Avenue des Alpes 70
1820 Montreux
Switzerland
+41 21 963 89 77
www.free-form.ch
artistes@free-form.ch

Pictures and technical data

Project for a lapidary and gemmological training school.

1 Lapidary machines

Ultra-Tec faceting machine V5 Digital 220V	https://www.free-form.ch/tools/ultra.html
Ultra-Tec fantasy machine concave faceting extension for V5	https://www.free-form.ch/tools/ultra.html
Laps and consumables for Ultra-Tec including lamp	https://www.free-form.ch/tools/ultra.html
Corrected gemstone loup 10X and gemstone tweezers with lock	https://www.free-form.ch/tools/pinzette3.jpg
Pixie cabochon machines 220V	https://www.free-form.ch/tools/pixi.html
Attachments and freeform carving wheel 4" for Pixie	http://www.free-form.ch/tools/pixi.html
Gemstone saw 5" ultra fine blade for precious stones 220V	https://www.free-form.ch/tools/jems.html
Gemstone saw 6" medium blade for semi precious stones 220V	http://www.free-form.ch/tools/jems.html
Gemstone drilling machine proxon 220V	https://www.noreen.ch/drilling.html
Drillbit set 1.0 / 1.2 / 1.5 / 2.0 / 2.5 / 3.0 / 3.5mm	https://www.noreen.ch/drilling.html
Round brilliant facet diagram plastified	http://www.noreen.ch/drilling.html
Facet diagram books 3 volumes	
Scale gramm and carat battery powered 500 x 0.01gr / 2500 x 0.1	https://www.free-form.ch/tools/scale8.jpg
Scale gramm and carat battery powered 200 x 0.01gr / 1000 x 0.05	https://www.free-form.ch/tools/scale12.jpg
White stone boxes / pack of 100	
Tumble Vibe TV-5 stater kit with tumbling grit 220V	https://www.free-form.ch/tools/tumblers.html

2 Gemological instruments & teaching materials

Gemological identification sets	https://www.free-form.ch/tools/portdoc.html
Gemological Travellab KA52 by A. Kruess Optronics	https://www.free-form.ch/tools/travellab.html
Digital Refractometer RI 1.200 – 3.000	https://www.free-form.ch/tools/digitalref.html
Microscopes stereo zoom 7 - 45x with darkfield 220V	https://www.free-form.ch/tools/KSW5000.jpg
Desktop polariscopes 220V	http://www.free-form.ch/tools/polariscope1.jpg
Digital Caliper battery powered 104mm x 0.01mm	https://www.free-form.ch/tools/caliper.jpg
Digital high precision gemscale 20 x 0.002 gr / 100 x 0.01 ct	https://www.free-form.ch/tools/scale7.jpg
Gemstones of the World by Walter Schumann book	https://www.noreen.ch/images/book1.jpg
Bluecharts edition 2019 by Nicolas Hervé Lazzarelli	https://www.free-form.ch/tools/bluechart.html
Stone presentation trays with 25 stone boxes	https://www.free-form.ch/tools/ecrin1.jpg