

Offer for lapidary machines and gemological instruments.

Project for a lapidary and gemmological training school.

Updated April 2021

	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 VL Digital 220V	3'995.00	10	39'950.00	250	6	23'970.00	150	3	11'985.00	75
Ultra-Tec faceting machine V5 Digital 220V	5'290.00	10	52'900.00	250	6	31'740.00	150	3	15'870.00	75
Ultra-Tec fantasy machine concave faceting extension for V5	4'195.00	1	4'195.00	25	1	4'195.00	25	1	4'195.00	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	11.00	20	220.00	2	12	132.00	1.2	6	66.00	0.6
Pixie cabochon machines 220V	1'890.00	10	18'900.00	170	6	11'340.00	102	3	5'670.00	51
Attachments and freeform carving wheel 4" for Pixie	115.00	2	230.00	2	2	230.00	2	1	115.00	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	930.00	2	1'860.00	20	1	930.00	10	1	930.00	10
Drillbit set 1.0 / 1.2 / 1.5 / 2.0 / 2.5 / 3.0 / 3.5mm	157.00	6	942.00	0.6	3	471.00	0.3	2	314.00	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 0.01gr	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 0.01gr	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	3	195.00	3	2	130.00	2	1	65.00	1
Tumble Vibe TV-5 stater 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			12'293.40	878.1		7'618.80	544.2		4'198.60	299.9
VAT for country of destination	18	%	29'875.93			18'453.20			9'897.05	
Customs for country of destination		%	0.00			0.00			0.00	
Sub total 1 including VAT customs			195'853.33			120'971.00			64'880.65	
2 Gemological instruments & teaching materials										
Gemological identification sets	1'535.00	5	7'675.00	10	4	6'140.00	8	2	3'070.00	4
Gemological Travellab KA52 by A. Kruess Optronics	8'510.00	1	8'510.00	15	1	8'510.00	15	1	8'510.00	15
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	5	5'250.00	32.5	4	4'200.00	26	2	2'100.00	13
Desktop polariscopes 220V	261.00	5	1'305.00	5	4	1'044.00	4	2	522.00	2
Digital Caliper battery powered 104mm x 0.01mm	64.00	5	320.00	1	4	256.00	0.8	2	128.00	0.4

Digital high precision gemscale 20 x 0.002 gr / 100 x 0.01 ct	74.00	1	74.00	0.3	1	74.00	0.3	1	74.00	0.3
Gemstones of the World by Walter Schumann book	45.00	20	900.00	20	12	540.00	12	6	270.00	6
Bluecharts edition 2002 by Nicolas Hervé Lazzarelli	15.00	20	300.00	2	12	180.00	1.2	6	90.00	0.6
Bluecharts edition 2019 by Nicolas Hervé Lazzarelli	58.00	20	1'160.00	2	12	696.00	1.2	6	348.00	0.6
Stone presentation trays with 25 stone boxes	60.00	10	600.00	6.5	6	360.00	3.9	3	180.00	1.95
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			1'467.20	104.8		1'160.60	82.9		760.90	54.35
VAT for country of destination	18	%	5'375.02			4'582.91			3'303.52	
Customs for country of destination			0.00			0.00			0.00	
Sub total 2 including VAT and customs			40'611.23			34'626.42			24'959.94	
Grand Total machines and instruments			236'465.00			155'597.00			89'841.00	

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. <http://www.noreen.ch/longlapidary.html>

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 VL Digital 220V

Laps and consumables for Ultra-Tec including lamp

Corrected gemstone loup 10X and gemstone tweezers with lock

Pixie cabochon machines 220V

Attachments and freeform carving wheel 4" for Pixie

Gemstone saw 5" ultra fine blade for precious stones 220V

Gemstone saw 6" medium blade for semi precious stones 220V

Gemstone drilling machine proxon 220V

Drillbit set 1.0 / 1.2 / 1.5 / 2.0 / 2.5 / 3.0 / 3.5mm

Round brilliant facet diagram plastified

Scale gramm and carat battery powered 500 x 0.01gr / 2500 x 0.1ct

Scale gramm and carat battery powered 200 x 0.01gr / 1000 x 0.05ct

White stone boxes / pack of 100

Tumble Vibe TV-5 stater kit with tumbling grit 220V

<http://www.free-form.ch/tools/ultra.html>

<http://www.free-form.ch/tools/pinzette3.jpg>

<http://www.free-form.ch/tools/pixi.html>

<http://www.free-form.ch/tools/jems.html>

<http://www.noreen.ch/drilling.html>

<http://www.noreen.ch/drilling.html>

<http://www.free-form.ch/tools/scale8.jpg>

<http://www.free-form.ch/tools/scale12.jpg>

<http://www.free-form.ch/tools/tumblers.html>

2 Gemological instruments & teaching materials

Gemological identification sets

Gemological Travellab KA52 by A. Kruess Optronics

Digital Refractometer RI 1.200 – 3.000

Microscopes stereo zoom 7 - 45x with darkfield 220V

Desktop polariscopes 220V

Digital Caliper battery powered 104mm x 0.01mm

Digital high precision gemscale 20 x 0.002 gr / 100 x 0.01 ct

Gemstones of the World by Walter Schumann book

Bluecharts edition 2002 by Nicolas Hervé Lazzarelli

Bluecharts edition 2019 by Nicolas Hervé Lazzarelli

Stone presentation trays with 25 stone boxes

<http://www.free-form.ch/tools/portdoc.html>

<http://www.free-form.ch/tools/travellab.html>

<http://www.free-form.ch/tools/digitalref.html>

<http://www.free-form.ch/tools/KSW5000.jpg>

<http://www.free-form.ch/tools/polariscope1.jpg>

<http://www.free-form.ch/tools/caliper.jpg>

<http://www.free-form.ch/tools/scale7.jpg>

<http://www.noreen.ch/images/book1.jpg>

<http://www.noreen.ch/bluechart2002.html>

<http://www.free-form.ch/tools/bluechart.html>

<http://www.free-form.ch/tools/ecrin1.jpg>