

IKA

designed for scientists

EN



RELIABLE

Passionately enabling chemists to create a better world since 1910.
From A to Z.

DRY MILLS MADE BY IKA.

Dry Mills

/// From bench-top to pilot-scale!

IKA laboratory mills are ideal for coarse and fine particle size reduction, either in batch or continuous operation.

Grinding results of up to 1 µm particle size or 0,25 mm defined ultimate fineness can be easily achieved. Due to a broad spectrum of easily interchangeable beaters/cutters, IKA mills are highly effective for a variety of applications and can also be scaled up for larger volumes.

The redesigned batch mill A 10 basic with enhanced safety features, includes advanced features such as a digital timer, interval operation, error code display and many more improvements.

The Tube Mill is the world’s first disposable grinding system for safe, instant and precise milling results. It is convenient to use while assuring high safety and reproducibility to cover a broad range of applications. The Tube Mill control is patented, designed and manufactured exclusively by IKA.

3-YEAR WARRANTY*
 *2+1 years after registering at www.ika.com/en/register, glassware and wearing parts excluded



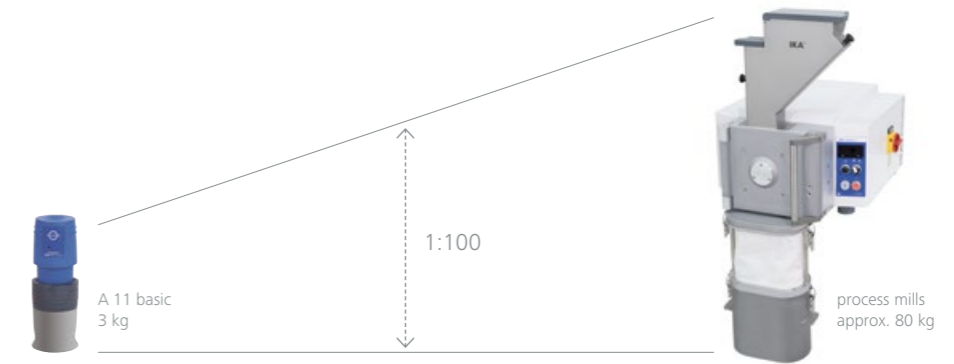
Find out more about IKA and order our fascinating products online: www.ika.com.

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Mills

/// Overview

IKA laboratory mills are ideal for grinding, pulverizing or chopping samples for routine analyses, either in batch or continuous operation. Grinding results are achieved up to 1 µm particle size or 0,25 mm defined ultimate fineness. Due to a broad spectrum of easily interchangeable beaters and cutters, IKA mills are highly effective for a variety of applications and can also be scaled up for larger volumes.



SCALE-UP PRINCIPLE

IKA mills have a high degree of flexibility and scalability. Therefore, ensuring reliable scale-up by offering the possibility to work with the same method from formulation development to small-scale production.



A 10 basic

A 11 basic

M 20



Tube Mill 100 control

Tube Mill control



BATCH MILLS



Pilotina MU – Universal Mill

Pilotina MC – Cutting Mill

Pilotina MI – Impact Mill



MF 10.1
Cutting-grinding head



MF 10.2
Impact-grinding head



INLINE MILLS

Tube Mill control

/// Fast, safe & clean

World's first disposable grinding tube system for safe, instant and precise milling results. Its' unique and compact design makes the unit space saving and ultra-portable. The disposable grinding chamber eliminates the possibility of cross-contamination and saves on cleaning costs and time. The ability to cool the sample with dry ice expands the application range enormously.

NO CLEANING COSTS

The grinding chamber can either be disposed of after the test or it can be used for storage of the processed sample. This new procedure will save on both time and money. As no cleaning of the tube system is required, the user is safe from aerosol formation that frequently occurs during cleaning procedures.

WORLD'S FIRST

- > disposable grinding chamber
- > no cross-contamination
- > no cleaning required
- > perfect milling results
- > large application range



WORLD'S FIRST MILL WITH DISPOSABLE GRINDING CHAMBER



TUBE MILL CONTROL



TUBE MILL 100 CONTROL



Dust-proof sealed housing
High level of **user safety**.



Interval operation available
Easy operation with touch keypad.



Quiet operation.



Adjustable safety speed and time.



Clearly arranged, **multi-lingual OLED display**, Error code display.



USB interface to control and document all the parameters and for updating your firmware.

Tube Milling

/// Smooth process and easy storage

After grinding, a part of the sample will be analyzed. The remaining sample can either be discarded or it can be stored as a reference sample directly in the grinding chamber. In the later case, grinding chambers can be labeled and either stored in a refrigerator or in a drying room. Reference samples can be re-analyzed and traced at any time.

ICH Q3D-CONFORM

The TubeMill control fulfills with it's one-way-use grinding chambers all the requirements according the ICH Q3D „Guideline for Elemental Impurities“.



1 Fill the sample in the grinding chamber

2 Close the chamber in a secure way

3 Attach the grinding chamber onto the Tube Mill and grind the sample

4 Remove the grinding sample

A 10 basic

/// Analytical batch mill

Redesigned batch mill for dry grinding of hard, brittle, soft and fibrous materials for volumes up to 50 ml. Due to the embrittlement of samples directly in the grinding chamber, tough, oily and aqueous samples can also be ground.

During development of the mill, particular emphasis was placed on safety. The mill will only start when the lid is closed and it can only be opened at a standstill. A quick stop feature further increases the safety of the user.

A 10 BASIC IS USED FOR
LOW-LOSS GRINDING OF SOFT,
HARD AND BRITTLE
SUBSTANCES OF UP TO 50 ML.



SPECIAL SAFETY FEATURES

- > The mill can only be operated if the lid is closed
- > The lid can only be opened at a standstill
- > A quick stop feature further increases the safety of the user

-  **Overload protection.**
-  **Interval operation available**
Easy handling with keypads.
-  **Integrated cooling connections.**
-  **Brushless motor**
for longer life span.
-  **Quiet operation.**
-  **Easily exchangeable beater/cutter.**
-  **Digital timer.**

A 11 basic

/// Analytical batch mill

A 11 basic is the best choice for impact and cutting grinding of hard, brittle and non-elastic substances by means of interchangeable cutting and grinding tools. Various grinding chamber sizes enable the crushing of small volumes all the way up to 250 ml with a Mohs hardness of up to 9.



A 11 BASIC CAN BE USED FOR EMBRITTLEMENT OF GRINDING MATERIALS WITH LIQUID NITROGEN IN THE GRINDING CHAMBER.



M 20

/// Universal batch mill

M 20 is suitable for low-loss, dry grinding of hard and brittle substances of up to 250 ml with a Mohs hardness of up to 9.



Removable, easy to clean, high-quality steel chamber.



Double-walled grinding chamber.



Integrated cooling option.



MF 10

/// Microfine grinder

Continuously operating universal microfine grinder for impact and cutting grinding. Two different grinding heads can be attached to the drive and are easily interchangeable.



Powerful drive.



Easy to clean working surface made of stainless steel.



Easily interchangeable heads.



2+1 years after registering at www.ika.com/en/register.

MF 10.1 CUTTING-GRINDING HEAD

For crushing fibrous substances such as paper and vegetation, but also for plastics and material with a low volume weight. Before being discharged, the ground material passes through a sieve. This sieve is interchangeable and available in different hole sizes (not incl. with delivery). The ground material can then be collected using an NS 29 standard ground vessel.



MF 10.2 IMPACT-GRINDING HEAD

For crushing brittle, hard materials such as minerals, building materials up to Mohs hardness 6. Before being discharged, the ground material passes through a sieve. This sieve is interchangeable and available in different hole sizes (not incl. with delivery). The ground material can then be collected using an NS 29 standard ground vessel.



Pilotina

/// Powerful and safe milling!

Pilotina is an innovative pilot mill for grinding soft, elastic as well as hard and brittle materials. The modular design enables easy conversion from a cutting mill to an impact mill. The powerful drive provides ample power, even for ambitious applications. Due to easily interchangeable milling tools, the Pilotina is highly effective for a variety of applications.



PILOTINA MU – UNIVERSAL MILL

SPECIAL SAFETY FEATURES

- > The mill will only start with the door closed
- > It cannot be opened until the rotor reaches a standstill
- > Safe design of inlet and outlet ensure that milling tools will not come into contact with the operator

PILOTINA MC – CUTTING MILL

For crushing fibrous substances such as paper and vegetation, but also for plastics and material with a low volume weight. Before being discharged, the ground material passes through a sieve.



PILOTINA MI – IMPACT MILL

For crushing brittle, hard materials such as minerals, building materials up to Mohs hardness 6. Before being discharged, the ground material passes through a sieve.



Hygienic design for **easy cleaning**.



Powerful drive.



Safe design of inlet and outlet.



Easily interchangeable milling tools.

Technical data

/// Tube Mill control

TECHNICAL DATA
/// Comparison

**Tube Mill control |
Tube Mill 100 control**
Ident. No. 0004180000* |
Ident. No. 0020007144

Process type	batch
Operating principle	cutting/impact
Motor rating input/output	100/80 W
Speed range	5.000 – 25.000 rpm
Speed display	digital
Useful volume	40 ml 100 ml
Overload protection	yes
Duty cycle (ON/OFF)	5 s – 3 min (timer)
Interval timer	5 – 60 s
Circumferential speed	65 m/s
Max. feed hardness	5 Mohs
Initial grain size	10 mm
Display	OLED
Grinding chamber material	Transparent plastic (PP)
Mill feed can be cooled in milling chamber with dry ice	yes
Dimensions (W x D x H)	180 x 300 x 170 mm 180 x 300 x 212 mm
Weight	2,7 kg 2,8 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80 %
Protection class acc. to DIN EN 60529	IP 30
USB interface	yes
Voltage	220 – 240 V
Frequency	50/60 Hz

€ 1.799,00 | € 1.999,00

* 2 x MT 40 and 1 x MMT 40 included in the delivery.



Technical data

/// A 10 | A 11 | M 20

TECHNICAL DATA
/// Comparison


	A 10 basic – Batch mill Ident. No. 0004020700**	A 11 basic – Analytical mill Ident. No. 0002900000	M 20 Universal mill Ident. No. 0001603600
Motor rating input/output	300/240 W	160/100 W	620/260 W
Speed range	25.000 rpm (fixed)	28.000 rpm (fixed)	20.000 rpm (fixed)
Useful volume	50 ml	80 ml (optional 250 ml)	250 ml
Duty cycle (ON/OFF)	5/10 min	1/10 min	7/10 min
Overload protection	yes	yes	yes
Circumferential speed	72 m/s	53 m/s	72 m/s
Max. feed hardness	5 Mohs*	6 Mohs*	5 Mohs*
Initial grain size	6 mm	10 mm	7 mm
Grinding chamber material	stainless steel (AISI 316L)	stainless steel (AISI 316L)	stainless steel (AISI 316L)
Dimensions (W x D x H)	130 x 145 x 250 mm	85 x 85 x 240 mm	170 x 170 x 350 mm
Weight	2,9 kg	1,5 kg	6,6 kg
Permissible ambient temperature	4 – 50 °C	4 – 50 °C	5 – 50 °C
Permissible relative moisture	80 %	80 %	80 %
Protection class acc. to DIN EN 60529	IP 41	IP 43	IP 21
	€ 1.699,00	€ 1.999,00	€ 5.394,00

* 9 Mohs with accessory beater/cutter M 22, A 10.3 or A 11.3.

** A 10.1 and A 10.4 included in the delivery of A 10 basic.

Technical data

/// MF 10 basic

 TECHNICAL DATA /// Comparison	
MF 10 basic	
Ident. No. 0002836000	
Motor rating input/output	1.000/500 W
Speed range	3.000 – 6.500 rpm
Speed display	no
Useful volume	max. 5 kg/h
Duty cycle (ON/OFF)	120/30 min
Overload protection	yes
Max. feed hardness	6 Mohs
Initial grain size	15 mm
Dimensions (W x D x H) without head	320 x 300 x 380 mm
Weight	9,7 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80 %
Protection class acc. to DIN EN 60529	IP 22
€ 4.014,00	



 TECHNICAL DATA /// Comparison		
	MF 10.1 Cutting-grinding head	MF 10.2 Impact-grinding head
	Ident. No. 0002870900	Ident. No. 0002871000
Circumferential speed	22,5 m/s	31,4 m/s
Max. feed grain size	max. 15 mm	max. 10 mm
Dimensions incl. MF 10 basic	320 x 300 x 560 mm	320 x 300 x 450 mm
Weight incl. MF 10 basic	11,9 kg	12,4 kg
Grinding chamber material	stainless steel	stainless steel
	€ 3.001,00	€ 2.755,00



Technical data

/// Pilotina

TECHNICAL DATA
/// Comparison

	Pilotina MU Ident. No. U105421	Pilotina MC Ident. No. U106466	Pilotina MI Ident. No. U106465
Motor power [kW]	3	1,5	1,5
Speed range [rpm]	1.500 – 4.500	1.500	3.000
Speed display	digital	no	no
Capacity (depending on the final fineness) [kg/h]	approx. 60 – 80	approx. 60	approx. 80
Overload protection	yes	yes	yes
Duty cycle (ON/OFF)	non-stop operation	non-stop operation	non-stop operation
Circumferential speed	9 – 34 m/s	9 m/s	22 m/s
Max. feed hardness	3 or 6 Mohs	3 Mohs	6 Mohs
Initial grain size	65 x 60 or 25 mm	65 x 60 mm	25 mm
Grinding chamber material	Aluminum (AlSi10Mg)	Aluminum (AlSi10Mg)	Aluminum (AlSi10Mg)
Dimensions (L x W x H)	485 x 575 x 700 mm	485 x 575 x 700 mm	485 x 575 x 630 mm
Weight, approx.	80 kg	70 kg	70 kg
Permissible ambient temperature	5 – 35 °C	5 – 35 °C	5 – 35 °C
Permissible relative humidity	80 %	80 %	80 %
Protection type	IP 55	IP 55	IP 55
	€ 21.900,00	€ 15.300,00	€ 16.600,00
		①	②



Accessories

/// Tube Mill control / Tube Mill 100 control



MT 40.10
Disposable grinding chamber,
40 ml, 10 pieces/pack

Ident. No. 0004425000

€ 69,00

MT 40.100
Disposable grinding chamber,
40 ml, 100 pieces/pack

Ident. No. 0020001173

€ 570,00



MT 100.10
Disposable grinding chamber,
100 ml, 10 pieces/pack

Ident. No. 0020008386

€ 85,00



MMT 40.1
MMT 40.1 stainless steel package,
includes 1 MMT 40 chamber, 25 sealings,
5 beaters, 5 couplings

Ident. No. 0020003165

€ 207,00



MTC 40.100
Cover for MT 40

Ident. No. 0020001182

€ 49,00



MT 40.10 STERIL
Disposable grinding chamber, steril,
40 ml, 10 pieces/pack

Ident. No. 0020001984

€ 112,00



A-MMT 40.100
A-MMT 40.100 abrasion set spare parts,
includes 100 sealings, 10 beaters,
10 couplings

Ident. No. 0020003378

€ 136,00

MT 40P.100
Disposable grinding chamber,
with bended beater
40 ml, 100 Pcs

Ident. No. 0020011531

€ 549,00

MT 100.10 steril
Disposable grinding chamber, steril,
100 ml, 10 pieces/pack

Ident. No. 0020012571

€ 127,00

Accessories

/// A 10 basic



A 10.1 STAINLESS STEEL CUTTER

Suitable for crushing materials up to Mohs hardness 5. Included with A 10.

Ident. No. 0025001680

€ 39,00



A 10.3 HARD METAL CUTTER

Made of tungsten carbide for hard materials up to Mohs hardness 9. Not included with A 10.

Ident. No. 0025001161

€ 224,00



A 10.2 STAR-SHAPED CUTTER

Used to crush fibrous substances such as paper and vegetation, but also for plastics and material with a low specific weight. Not included with A 10.

Ident. No. 0025001162

€ 121,00



A 10.4 GRINDING CHAMBER REDUCTION

Included with A 10.

Ident. No. 0025001664

€ 88,00

Accessories

/// M 20



M 21 SPARE CUTTER

Suitable for crushing materials up to Mohs hardness 5. Included with M 20.

Ident. No. 0000328200

€ 70,00



M 22 HARD METAL CUTTER

Made of tungsten carbide for hard materials up to Mohs hardness 9. Not included with M 20.

Ident. No. 0000521800

€ 298,00



M 23 STAR-SHAPED CUTTER

Used to crush fibrous substances such as paper and vegetation, but also for plastics and material with a low specific weight. Not included with M 20.

Ident. No. 0001443400

€ 139,00



M 20.1 GRINDING CHAMBER

A second grinding chamber ensures effective processing. The grinding chambers can be placed on the drive alternately.

Ident. No. 0008006200

€ 3.053,00

Accessories

/// A 11 basic



A 11.1 SPARE BEATER

For pulverizing substances with a Mohs hardness up to 6. Included with the analytical mill A 11 basic.

Ident. No. 0002904600

€ 86,00



A 11.7 FUNNEL

Prevents splashing of liquid nitrogen when pouring into the grinding chamber A 11.5.

Ident. No. 0003048700

€ 203,00



A 11.4 GRINDING CHAMBER

Made of polycarbonate with stainless steel inlet. Not suitable for cooling with N₂, only applicable with double beater A 11.6.

Ident. No. 0002904100

€ 507,00



A 11.6 DOUBLE BEATER

For use up to Mohs hardness 3. Only applicable with grinding chamber A 11.4.

Ident. No. 0003302900

€ 400,00



A 11.2 CUTTING BLADE

For pulverizing soft, fibrous grinding materials. Not included

Ident. No. 0002905200

€ 146,00



A 11.5 SPARE GRINDING CHAMBER

Made of Tefcel (ETFE, glass fibre-reinforced) with stainless steel inlet.

Ident. No. 0002983100

€ 371,00



A 11.3 BEATER

For pulverizing substances with a Mohs hardness up to 9, coated with chromium carbide.

Ident. No. 0002983000

€ 186,00

Accessories

/// MF 10

SIEVES
/// Comparison

	Description	Price
MF 10 Sieves		
	MF 0.25 Ident-No. 0002938900	Sieve, Ø 0,25 mm € 316,00
①	MF 0.5 Ident-No. 0002939000	Sieve, Ø 0,5 mm € 230,00
	MF 1.0 Ident-No. 0002939200	Sieve, Ø 1 mm € 230,00
	MF 2.0 Ident-No. 0002939400	Sieve, Ø 2 mm € 230,00
②	MF 3.0 Ident-No. 0002939500	Sieve, Ø 3 mm € 251,00
	MF 4.0 Ident-No. 0002939600	Sieve, Ø 4 mm € 264,00



①



②

Accessories

/// Pilotina

SIEVES
/// Comparison

	Description	Price
Pilotina Sieves		
	U106468	0,12 mm € 165,00
	U106469	0,25 mm € 165,00
	U106470	0,5 mm € 165,00
	U106471	0,75 mm € 165,00
	U106590	1 mm € 165,00
	U106472	2 mm € 165,00
	U106473	3 mm € 165,00
	U106474	4 mm € 165,00
	U106475	8 mm € 165,00
	U106476	10 mm € 165,00
	U106477	20 mm € 165,00



PILOTINA SIEVES
Interchangeable sieves for insertion into the grinding heads ensure maximum particle size filtering. All sieves are made of stainless steel 1.4301.

Selection Guide

/// For beaters and cutters

BEATERS/CUTTERS SELECTION GUIDE

/// Choose beaters/cutters from the selection guide below to suit your application needs

Field	Sample	Batch Mills				Inline Mills			
		Tube Mill control Tube Mill 100 control	A 10 basic	A 11 basic	M 20	MF 10 basic + MF 10.1	MF 10 basic + MF 10.2	Pilotina MC	Pilotina MI
Max. initial grain size		10 mm	6 mm	7 mm	7 mm	15 mm	10 mm	65 x 60 mm	20 mm
Ultimate fineness*		1 – 100 µm	1 – 100 µm	1 – 100 µm	1 – 80 µm	< 0.25 mm	< 0.25 mm	> 0.2 mm	> 0.1 mm
Agriculture	Grains, seeds	x	x	x	x	x	□	x	□
Biology	Leaves, roots, stems	x	○	○	○	□	□	□	□
Botany	Blossoms, flowers	x	○	○	○	□	□	□	□
Brewery	Hop, malt pellets	x	x	x	x	x	□	x	□
Building material industry	Building materials	□	x	x	x	□	x	□	x
Ceramic industry	Ceramic	□	x	x	x	□	x	□	x
Chemical industry	Salt, molecular sieves	x	x	x	x	x	x	x	x
Cosmetics	Bees wax, collagen	○	○	□	□	x	□	x	□
Detergent industry	Detergents, mega pearls	x	x	x	x	x	x	x	x
Energy industry	Coal, coke	x	x	x	x	x	x	x	x
Feed industry	Animal feed	x	x	x	x	x	x	x	x
Food industry	Rice, spices, bread, meet	x	○	x	○	□	□	□	□
Medical industry	Tablets, pills	x	○	x	○	□	x	□	x
Metallurgy	Ore, drill core	□	x	□	○	□	x	□	x
Paint and varnish industry	Color pigments, resin	x	x	x	x	x	x	x	x
Paper industry	Paper, filter, cellulose	□	○	x	○	x	□	x	□
Pharma industry	Vitamin tablets, tea leaves	x	x	x	x	x	□	x	□
Plastic industry	Plastic, rubber	○	○	○	□	x	□	x	□
Tobacco industry	Tobacco, cigarettes	x	x	x	x	x	□	x	□

x suitable □ unsuitable ○ limited (Embrittlement of the sample) * depends on the sample

Applications & Industries

/// An overview

FOOD

- › Rice
- › Meat
- › Maize
- › Spices
- › Wheat
- › Coffee beans

MEDICAL INDUSTRY

- › Enzyme powder
- › Piroxicam capsules
- › Tablets
- › Placebo granules
- › Uzera dragees
- › Ibuprofen

COSMETICS

- › Collagen
- › Rubber benzoe
- › Bees wax
- › Color pigments
- › Paraffin wax
- › Wax sequins

BIOLOGY

- › Roots
- › Stems
- › Leaves
- › Tobacco
- › Fresh ginger
- › Seeds

ENERGY INDUSTRY

- › Coal
- › Coke
- › Oil shale
- › Anthracite
- › Hack-shipping
- › Wood pellets

CHEMICAL INDUSTRY

- › Salt
- › Calcium carbonate
- › Active carbon
- › Raney nickel alloy
- › Silver chloride

PLASTIC INDUSTRY

- › Acrylate
- › Elastomer
- › Plastic PA
- › Plastic PS
- › Plastic mixture
- › Rubber

PHARMA INDUSTRY

- › Pastilles
- › Tea leaves
- › Glauber salt
- › Hawkbit roots
- › Calamus roots
- › Vitamin tablets

PAPER INDUSTRY

- › Paper
- › Filter
- › Fibres
- › Cellulose
- › Packing material

PAINT AND VARNISH INDUSTRY

- › Titanium dioxide
- › Printing ink
- › Powder lacquer
- › Ferric oxide pigment
- › Watercolors
- › Color pigments

BUILDING MATERIAL INDUSTRY

- › Pebble stone
- › Granite
- › Ceramic
- › Concrete
- › Limestone
- › Silicon carbide
- › Medium density fiberboard (MDF)

Knowledge

/// Grinding material properties

IKA mills can be used for the grinding of soft, hard, brittle, fibrous and elastic materials. The grinding of solid samples is essential to ensure precise analysis. It is important that the grinding leads to the homogeneity and desired fineness of the sample. The type of mill to be used depends on the properties of the substance and the quantity of the sample. For example, brittle materials are ground with a beater, fibrous materials with a blade, and hard/brittle materials are ground with a special hard metal cutter.

Below are the examples

Soft: Meat, pastilles, cheese, tissue...

Hard: Coal, coke, maize, salt...

Brittle: Stones, glass, ceramic, concrete...

Fibrous: Leaves, paper, wheat, grass

Elastic: Rubber, plastic, elastomer, gummy bears...

Small sample quantities are generally ground with a batch mill. Here, a particle size spectrum of the ground material can be expected.

Larger quantities can be ground with an inline mill. Here, the sample passes through a sieve, which leads to the ground material achieving a defined particle size.

Problems can arise when soft and tough materials such as rubber or plastics have to be ground. The problem can be solved through the embrittlement of the sample with dry ice or liquid nitrogen. The sample can then be ground without difficulty.

BEATERS/CUTTERS SELECTION GUIDE
 /// Choose beaters/cutters from the selection guide below to suit your application needs

IKA device	Beaters/Cutters	Soft	Hard	Brittle	Fibrous	Elastic
A 11 basic	A 11•1 Spare beater	○	○	×	□	○
	A 11•2 Cutting blade	○	□	□	×	○
	A 11•3 Beater	○	×	×	□	○
	A 11•6 Double beater	○	□	×	□	○
A 11 basic	A 14 Spare cutter	○	○	×	□	○
	A 15 Hard metal cutter	○	×	×	□	○
	A 17 Star-shaped cutter	○	□	□	×	○
M 20 Universal mill	M 21 Spare cutter	○	○	×	□	○
	M 22 Hard metal cutter	○	×	×	□	○
	M 23 Star-shaped cutter	○	□	□	×	○
MF 10 basic	MF 10•1 Cutting-grinding head	×	□	□	×	×
	MF 10•2 Impact grinding head	□	×	×	□	□
Pilotina	Pilotina MU – Universal Mill	×	×	×	×	×
	Pilotina MC – Cutting Mill	×	□	□	×	×
	Pilotina MI – Impact Mill	□	×	×	□	□

× suitable □ unsuitable ○ limited



SAMPLE PREPARATION!

Send us your sample and we will process and analyze it for you within 2 working days!

Send your sample with a data sheet to:
 IKA-Werke GmbH & Co. KG,
 Janke & Kunkel-Str. 10,
 79219 Staufen, Germany.

Data sheet download:
www.ika.com/en/sample-preparation

Modern manufacturing

/// Precision and quality

During manufacturing, IKA focuses on high quality, not only with well-trained and experienced personnel, but also with standardized processes and quality checks.

The assembly of the printed circuit boards is fully automated and includes an automated 100 % quality control check of every PCB.

Worldwide service network

/// Direct contacts in your region

Our dedicated team of engineers provides comprehensive technical services worldwide. If you have any service questions, please do not hesitate to contact IKA directly.

Alternatively, you can get in touch with your dealer. IKA guarantees that spare parts will be available for 10 years. In the event of any faults with a device, or if you have any technical questions regarding the devices, maintenance or replacement parts, please call us on **00 8000 4524357** (00 8000 IKAHELP) or send us an eMail at service@ika.de



Customizing Center

It is important that IKA products work for your application. We have a special program: product solutions tailored to your needs.

Should you not find the appropriate device in our standard product range, please send us your requested specifications through the online form. Our team will determine its feasibility and offer a solution to you.

Please visit www.ika.com to review already implemented product modifications.



IKA Application Support

Our Application Center spans 400 m² and is equipped with the most modern facilities for presenting and testing laboratory equipment and processes. The Center brings us even closer to our customers and improves our service. If you are interested, you can use our facilities to test processes that include stirring, shaking, dispersing, grinding, heating, analysis and distillation.

Call us on **00 8000 4522777** (00 8000 IKAAPPS) or send an eMail to applicationsupport@ika.de.



Our Application Center covers **400 m²** and offers modern equipment for demonstrating and testing laboratory devices and processes.



Send us your sample. We will run a test with the suitable device – within 2 working days.



We would be happy to help you find the **perfect device** for your application.



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