



LINEAR AIR TRACK – operation kit

ALL MODELS MF0133-001

MF0133-001 kit parts:

IDENTIFICATION & QUANTITIES OF COMPONENTS:

AIR TRACK KIT. STANDARD OPERATIONAL COMPONENTS. MF0133-001

KIT PARTS.

Glider 200mm long	2x	1 black, 1 gold	PA0130-024/024A black/gold
Glider 100mm long	2x	1 black, 1 gold	PA0130-025/025A black/gold
Pulley & flat screw for end of track	1x	nylon moulding	PA0130-046A
Knurled screw & square nut (to clamp etc)	4x	hold items into gliders	PA0130-026 & 0130-028
Buffer, elastic, with moulding	12x	bumpers for gliders	PA0130-032A
Buffer, non-elastic, with 'velcro'	1pr	that hold together	PA0130-073A
Magnet for glider	2x	each weighs 50g	PA0130-031
Attachment block, screw & mldg.	5x	holds loop springs	PA0130-035A
Spring loop, 30cm d.	2x	to join 2 gliders	PA0130-033
Spring loop, 15cm d.	1x	burst between gliders	PA0130-034
Coil spring 300mm long	2x	for SHM experiments	PA0130-038A
Coil spring 50mm long	4x	for lattice experiments	PA0130-038B
Weights for gliders, 4x50g, 4x25g, 4x10g	12x	slotted weights	PA0130-042 – set 12
Track inclination blocks	1x	set/4, mouldings	PA0130-047 - set 4
Spare pieces of 'velcro'	2x	grip & claw	PA0130-076
This instruction booklet	1x		

MF0133-001 packed



MF0133-001 components



Physical size: bagged

Weight: 1.6 kg

This Operational Kit permits the Air Track to perform numerous experiments. The kit is the same for both 2.0 and 2.5M Linear Air tracks.



OPTIONAL KITS:

SUB BASE KIT FOR WHEN SPECIAL STRAIGHTNESS IS REQUIRED:

COMPONENT	2.0M	2.5M	IEC Catalogue No:
Sub base for 2.0m track & kit, new	1x		MF0106-301 (optional)
Sub base for 2.5m track & kit, new		1x	MF0104-301 (optional)
Adj. stud with moulded head	10x	12x	PA0130-015 each
Adjustment knob	10x	12x	PA0130-0

BOOSTER OPERATIONAL KIT MF0136-101

USED TO EXTEND THE STANDARD KIT FOR MORE FUNCTIONS:

COMPONENT	all Air Tracks	IEC Catalogue No:
Glider 200mm long	1x	PA0130-024 black/gold
Glider 100mm long	1x	PA0130-025 black/gold
Spring buffer with moulding	4x bumpers for gliders	PA0130-075
Attachment block with 'velcro'	2pr that hold together	PA0130-073
Magnet for glider	2x each weighs 50g	PA0130-031
Compensating wt (for 200g glider)	1x	PA0130-044/45 set
Coil spring 300mm long	2x	PA0130-038A
Coil spring 50mm long	4x	PA0130-038B
Felt lined glider (to divide track)	1x divides track into two	PA0130-048
Cast Iron stop block	1x weight rests on glider	PA0130-049
Screw & nut for stop block	1x attach weight to glider	PA0130-050

MINI VARIABLE SPEED AIR SOURCE TO OPERATE ANY AIR TRACK:

Air source & hose 240V	1x	LB0115-002
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OPTIONS FOR MEASURING EXPERIMENTS:

PHOTOGATE KIT. COMPONENTS FOR SPEED MEASUREMENT. MF0137-101:

Photogate kit for timing.	2x	MF0135-101
Mount directly to track		2x gates & all cables

ADDITIONAL EQUIPMENT FOR PHOTOGATE RECORDING (extra):

Timer, LCD, Digital, for gates, with 20 level memory. Battery.	1x	LB4057-001
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OR.....

Timer, LED, Digital, for gates, with 20 level memory. 240V.AC.Mains.	1x	LB4064-101 With 2,6,12V AC power for gates
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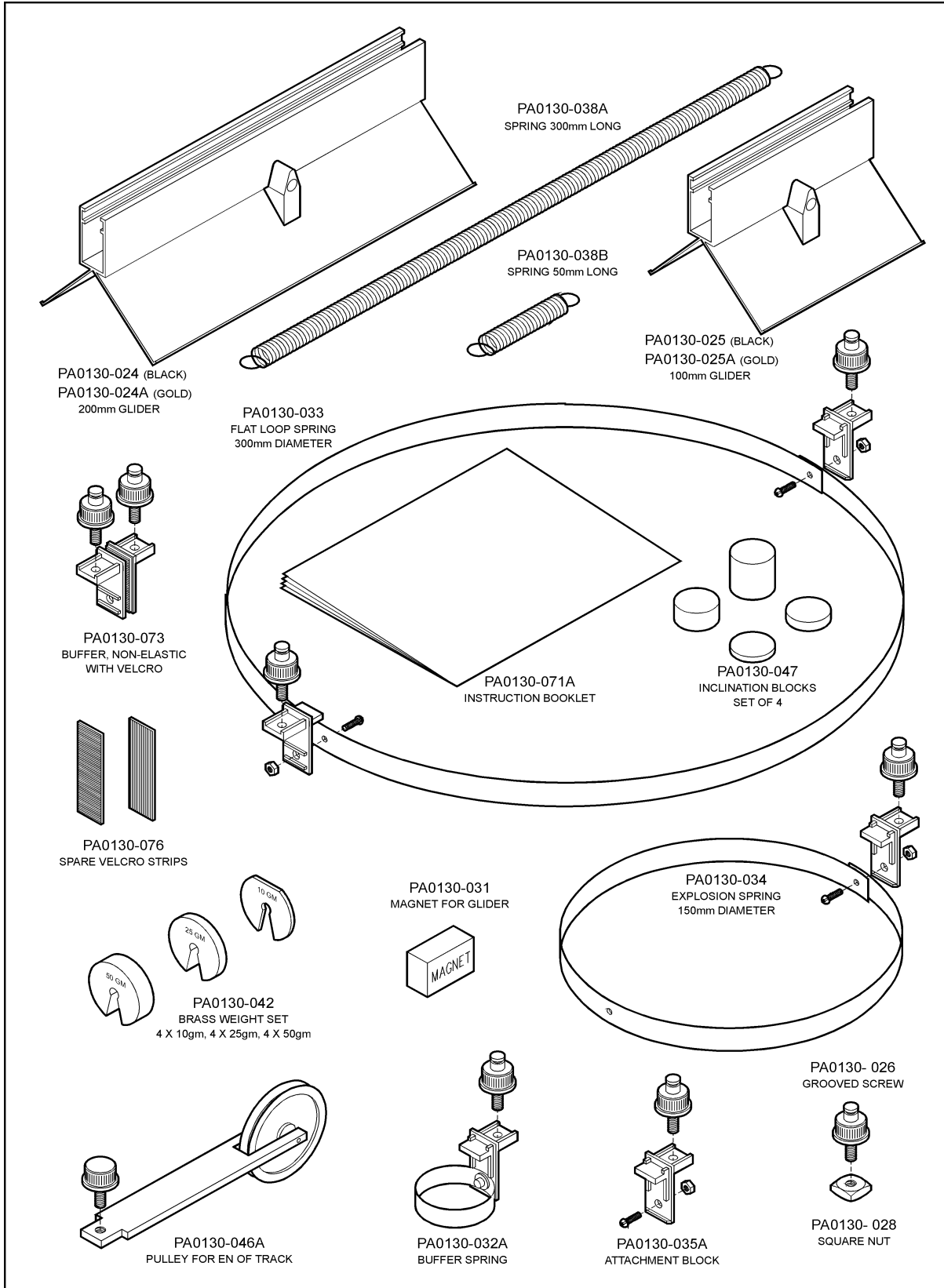
SPARK RECORDING KIT. PARTS FOR SPEED MEASUREMENT:

MF0107-401 (2m) MF0105-401 (2.5m)

	2M unit	2.5M unit	
Spark pen (left)	1x	1x	PA0130-029
Spark pen (right)	1x	1x	PA0130-030
Black recording tape (roll)	1x	1x	PA0117-001 10m
White recording tape (roll)	1x	1x	PA0116-001 180m
Spark track 2m long	1x		PA0130-063
Spark track 2.5m long		1x	PA0130-062
Spark track 3.7m long			PA0130-061

ADDITIONAL EQUIPMENT FOR SPARK RECORDING (extra):

Spark generator & cables.	1x	LB0118-001 complete with all cables
Incl. the following parts:		
High voltage cables (pair)	1x	PA0130-059 pair
Earth cable	1x	PA0130-060
Remote control cable	1x	PA0130-058



Designed and manufactured in Australia