



SolFlex 3D-Printer

YOUR DIGITAL ADDED VALUE

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SolFlex 170 HD

Are you looking to save time on your production process?

Digital production has a clear temporal advantage over conventional production.

Do you want to make your production process more cost-effective long-term and increase your own added value?

The cost of digital manufacturing is significantly lower than that of conventional production.

Splints	Conventional production ¹	Digital production ¹ (without printing time)
Production time [min.]	95	25

For explanation see back page

~ 74 %
Time savings
70 min.

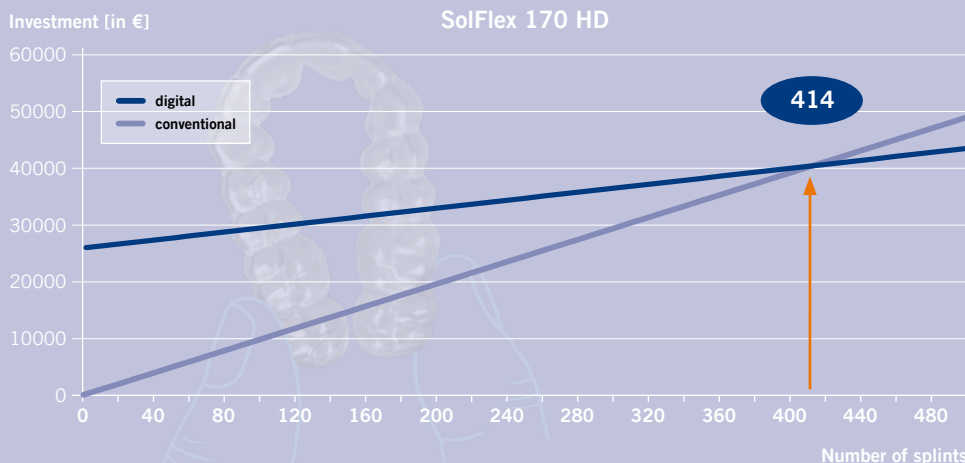
Splints	Conventional production ¹	Digital production ²
Laboratory costs	95 €	30.75 €
Material costs	3 €	3.46 €
Total costs	98 €	~34 €

> 65 %
Cost savings
~ 64 €

Splints	Digital production ²
Value added per splint	ca. 64 €
Investment	26.470 €
Amortisation from (per piece)	ca. 414
Amortisation after X printjobs, (3 splints / day)	ca. 138
Amortisation after X months (3 splints / day)	ca. 7

For explanation see back page

- The SolFlex 3D-printer reduces production times and thus increases your efficiency
- Allows higher order volumes to be processed
- Ensures a consistently high product quality
- Provides significant monetary advantages thanks to digital manufacturing
- Increases in-house value added



Amortisation of the 3D-printer with as few as 3 splints per day / < 7 months / ca. 414 splints!

Explanation of the calculation example

Description of digital manufacturing	
Material and wear	
Printing material (per splint)	8 g
RRP ⁴ V-Print splint comfort	432 €
Content 1 bottle of V-Print splint	1000 g
Material costs (per splint)	3.46 €
Other costs	
Electricity costs ²	ca. 0.35 €
Wearing parts cost of the vat ²	0.40 €
Total cost of electricity and wear	0.75 €
Time quotas	
Scan (optional)	5 min.
Setup time ¹	5 min.
CAD	5 min.
Nesting, Support, Slicing	10 min.
Post processing ¹	5 min.
Total working hours	30 min.
Cost of working hours	30 €
Cost per splint	ca. 34 €²

Investment in 3D-printing	
SolFlex 170 HD ⁵	14,500 €
Nestingsoftware	inklusive
CAD Software Exocad basis modul ³	4,470 €
CAD Software Exocad modul bite splint ³	1,600 €
CAD Software Exocad modul articulator ³	830 €
Starter package ⁵	1,932 €
Post curing device Otofash G171 ⁵	3,138 €
Total purchase cost	26,470 €

Evaluation of the time values with a laboratory hourly rate of 60 €.

¹ Dentona Whitepaper

² VOCO internal enquiry

³ Pricelist Picodent 2023

⁴ Non-binding retail price

⁵ Non-binding retail price of VOCO GmbH, 01.04.2023

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